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ABSTRACT

Credit earned by examination at the University of Texas at Austin is equivalent to credit earned by taking the academic course, but cannot be counted as credit earned in residence. In the 1988-89 testing year, eight colleges or schools of the university participated in the credit-by-examination program. Evaluations of 29,698 test scores from 50 subject areas from 32 departments or divisions are recorded in this report. Many students took more than one examination. There were 12,343 participants; 8,530 of these earned credit for at least one course. A total of 14,935 qualifying test scores generated 79,228 semester hours of credit eligibility. Test results are reported alphabetically for 18 subject areas: (1) biology; (2) chemistry; (3) Chinese; (4) computer sciences; (5) data processing and analysis; (6) economics; (7) English; (8) French; (9) German; (10) government; (11) history; (12) Latin; (13) mathematics; (14) physics; (15) psychology; (16) Russian; (17) sociology; and (18) Spanish. Documentation of test results in all 50 subject areas, the overall impact of credit by examination on the participating schools and colleges, and comparisons of the 1988-89 test results with results from previous years are included in the summary section of the report. English, Spanish, and mathematics were the areas in which students most often attempted to earn credit by examination. There are 81 tables of examination results and four figures. (SLD)

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CREDIT BY EXAMINATION AT THE UNIVERSITY
OF TEXAS AT AUSTIN
1988-1989

Susan S. Mahoney

SR-89-2

November 1989

Measurement and Evaluation Center
The University of Texas at Austin

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CREDIT BY EXAMINATION AT THE UNIVERSITY OF TEXAS AT AUSTIN
1988-1989

Susan S. Mahoney

The Measurement and Evaluation Center (MEC) is responsible for coordinating credit by examination at The University of Texas at Austin. Policies governing each part of the program are made by the participating academic departments. In administering the testing program, MEC implements those policies.

Credit earned by examination at U.T. Austin is equivalent to credit earned by taking the course; however, credit by examination cannot be counted as credit earned in residence. Students or former students who earn credit by examination may petition for the credit for which they are eligible as soon as they choose to do so. Other persons may claim the credit for which they are eligible only after they are officially enrolled at U.T. Austin.

Credit by examination is not awarded if the student received college credit or a failing grade for the same course, or its equivalent, prior to taking the examination. To receive credit by examination, students must also meet all other conditions of eligibility established by the University, the schools/colleges, and the academic departments.

In this report, numbers relating to eligibility for credit are derived from comparisons of test scores with qualifying score ranges. Some students do not claim the credit for which they are eligible, and credit claimed by the students may or may not be reported by MEC to the Registrar in the testing year covered by this report.

This report covers the 1988-1989 testing year, which began generally speaking in June, 1988, and continued through May, 1989. Scores from the various testing categories were evaluated during those months, although some of the tests may have been administered prior to June, 1988.

During the 1988-1989 testing year, eight colleges/schools at U.T. Austin participated in the credit-by-examination program. Evaluations of 29,698 test scores, covering 50 subject areas taught in 32 departments/divisions, are recorded in this report. Because many students took more than one test, the total number of tests exceeds the actual number of persons who attempted to earn credit by examination. There were 12,343 participants in the credit-by-examination program

during the year; 8,530 (69%) of those persons earned credit for at least one course, with 14,935 qualifying test scores generating a total of 79,228 semester hours of credit eligibility.

There were four common groupings in the number of tests students took during the testing year. The largest group was the 3,842 (31%) students who took one test, while 3,388 (27%) individuals took two tests. The third ranking group was the 3,000 (24%) students who took three tests during this time period; the remaining 2,113 (17%) students took four or more examinations.

The most common pattern of test-taking among students during 1988-1989 was a combination of two tests -- the College Board Achievement Tests in English Composition (ECT) and Mathematics Level I/Level II: 2,910 (24%) students had scores from those two tests. Other typical patterns are as follows:

- 2,356 (19%) students took 3 tests: ECT, Mathematics Level I/Level II, and a foreign language test
- 1,876 (15%) students took at least one test, but not ECT, Mathematics Level I/Level II, or in a foreign language
- 1,448 (12%) students took only a foreign language test
- 1,072 (9%) students took 3 tests: ECT, Mathematics Level I/Level II, and some test other than a foreign language
- 2,681 (21%) students took at least one test, in a pattern exclusive of those listed above

Of the 12,343 individuals who participated in the credit-by-examination program during 1988-1989,

- 3,813 (31%) students earned no credit eligibility.
- 2,586 (21%) students earned 1 to 3 semester hours.
- 2,068 (17%) students earned 4 to 6 semester hours.
- 2,925 (24%) students earned 7 to 18 semester hours.
- 771 (6%) students earned 19 to 30 semester hours.
- 180 (1%) students earned more than 30 semester hours.
- one student took 12 tests and accumulated 94 semester hours.

U.T. Austin's program of credit by examination is comprised of six different categories of test administrations. This report documents U.T. Austin institutional administrations, U.T. Austin departmental administrations, and national administrations of College Board College-Level Examination Program (CLEP) Subject Examinations, College Board Achievement Tests and College Board Advanced Placement (AP) Examinations. There is no information in this report on the sixth category, the International Baccalaureate Higher-Level Examinations.

U.T. Austin Institutional Administrations

U.T. Austin institutional administrations have the greatest impact on the credit-by-examination program. The following three criteria define this testing category and distinguish it from both U.T. Austin departmental administrations and national testing administrations:

1. The tests were administered at U.T. Austin by MEC at scheduled times,
2. The tests were scored at U.T. Austin, and
3. Fees for the tests were paid to U.T. Austin.

The tests were of three types: U.T. Austin Tests for Credit constructed locally by certain academic departments, College Board Achievement Tests, and College Board CLEP Subject Examinations.

Administration of the tests took place in testing periods preceding each registration period, the summer orientation sessions, and individually administered test sessions held at the request of the departments, or by MEC, for special reasons.

U.T. Austin Departmental Administrations

A registered student may apply to take an examination in any undergraduate course offered by the University. U.T. Austin departmental administrations, given on an individual basis, are designed to meet the needs of this University policy.

Application forms for the departmental examinations are available at the MEC. On the application, the student must state why she/he is qualified to take the test. Before the examination is given, the application must be approved by the chairman or program director of the department in which the course is offered and the dean of the college or school in which the student is enrolled.

These tests are not given on a regular schedule. After the application is approved, a faculty member administers the test. The examination is graded by the department, maintaining the same level of achievement on the test as that required to pass the University course satisfactorily. To be eligible for credit, a student must make a grade of C or higher.

When the results of the examination are known, the application form is returned to the Measurement and Evaluation Center. If credit has been earned, MEC reports the credit to the Registrar's office with a letter grade or with credit only, as directed by the student.

National Administrations of College Board Tests

In national administrations of College Board tests, the examinations are available at designated test centers on common dates throughout the nation. After the national administration has been completed, test materials are returned to the Educational Testing Service (ETS). The tests are scored by ETS, and the scores are reported to the institutions designated by the student. U.T. Austin uses scores on specific tests from national administrations of three College Board testing programs: CLEP Subject Examinations, Achievement Tests, and Advanced Placement Examinations.

The CLEP examinations are usually administered in colleges and universities throughout the country. The Measurement and Evaluation Center serves as one of the national test centers for the College-Level Examination Program in addition to offering certain CLEP Subject Examinations in institutional testing. CLEP examinations are available through national administrations 10 times a year, each month except December and February.

The College Board Advanced Placement Examinations are administered nationally once a year in May. National administrations of the College Board Achievement Tests are scheduled five times during the academic year. For both programs, high schools typically serve as test centers.

Test Fees

A variety of test fees are paid by candidates for credit by examination. For U.T. Austin students, the fees may vary depending on whether the tests were taken as part of a national program or in an institutional administration.

U.T. Austin Institutional Administrations

U.T. Austin Tests for Credit:

Required tests:	\$27.00 per test
	After September 21, 1988, \$28.00 per test
Optional tests:	\$42.00 per test
	After September 21, 1988, \$43.00 per test

College Board Achievement Tests:

\$27.00 per test
After September 21, 1988, \$28.00 per test

College Board CLEP Subject Examination:
\$35.00 per test

U.T. Austin Departmental Administrations

Required tests: \$27.00 per test
After September 21, 1988, \$28.00 per test

Optional tests: \$42.00 per test
After September 21, 1988, \$43.00 per test

National Administrations of College Board CLEP Subject Examinations
\$35.00 per test

National Administrations of College Board Achievement Tests

Between October 1, 1987, and September 1, 1988, the fee was \$19.50 for one, two, or three Achievement tests taken on the same date.

National Administrations of College Board Advanced Placement Examinations
May, 1988, \$53.00 per examination

Test results in 18 subject areas are reported alphabetically in the next section. Documentation of test results in all 50 subject areas, the overall impact of credit by examination on the eight participating schools/colleges, and comparisons of 1988-1989 test results with results from preceding years in U.T. Austin's credit-by-examination program are available in the summary section of this report.

BIOLOGY

Biology 302, 303, and 304: Introductory Courses in the Biological Sciences

The College Board Advanced Placement (AP) Examination in Biology allows one hour and 30 minutes of working time on the objective portion and an additional 90 minutes on the essay portion. All scores of 5, 4, or 3 received from national administrations of this test are subject to review by a U.T. Austin faculty member of the Division of Biological Sciences. Both the objective score and the essay are taken into consideration in determining the credit a student receives. Based on the review, the student may be awarded credit for any combination of the three courses or possibly no credit for any course. Scores of 2 or 1 are not eligible for review or credit.

The U.T. Austin Test for Credit in Biology, locally constructed, is entirely objective and allows three hours of working time.

A student must have fewer than six semester hours -- whether with passing or failing grades -- in the life sciences (biology, biochemistry, botany, microbiology, zoology) to be eligible for credit.

Table 1 shows the numbers and percentages of test scores evaluated, test scores generating eligibility, and grades awarded for each of the three biology courses: Biology 302--*Cellular and Molecular Biology*, Biology 303--*Structure and Function of Organisms*, and Biology 304--*Environmental and Population Biology*. Because of the possibility of earning credit for multiple courses, the numbers shown under each individual course will not be equal to the numbers shown as generating credit.

The 34 scores from institutional administrations represent 11% of the biology scores evaluated; seven institutional scores merited credit. Conversely, the 270 scores received from national administrations of the Biology AP examination constituted 89% of the scores evaluated. The 163 AP scores meriting credit produced 1,119 semester hours of credit eligibility.

Table 2 presents a summary by combination of courses, of credit earned by examination in biology during the 1988-1989 testing year. The numbers and percentages of test scores are displayed, as well as the number of semester hours of credit eligibility. A total of 304 scores were evaluated during the year; 170 of the tests accrued a total of 1,143 semester hours of credit eligibility. Seventy-nine students earned credit for all three of the introductory biology courses.

Table 1
Credit by Examination: Biology
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Course and Grade								
	N	%	N	%	302			303			304		
					A	B	C	A	B	C	A	B	C
U.T.	34	11	7	4	0	1	1	0	0	0	1	2	3
AP													
5	46	15	39	23	30	8	1	21	11	6	22	7	8
4	86	28	69	41	10	26	26	2	24	27	20	12	24
3	74	24	55	32	0	6	30	0	5	16	4	6	21
2,1	64	21	0	0	-	-	-	-	-	-	-	-	-
Total	304	99*	170	100	40	41	58	23	40	49	47	27	56

* This figure differs from 100% because of rounding.

Table 2
Summary of Credit by Examination in Biology
1988-1989

Combination of Courses	Test Scores Evaluated		Semester Hours of Credit Eligibility	
	N	%	N	%
302, 303, 304	79	26	711	62
303, 304	7	2	42	4
302, 304	25	8	150	13
302, 303	21	7	126	11
304	19	6	57	5
303	5	2	15	1
302	14	5	42	4
Total eligible	170	56	1,143	100
Not eligible	134	44	0	0
Total	304	100	1,143	100

CHEMISTRY

Five different tests are used to award credit by examination in chemistry at U.T. Austin: the U.T. Austin Tests for Credit in Chemistry 304K, 301, 302, and 305, and the College Board Advanced Placement Examination. The results of each of the five tests are documented in Tables 3 through 7. The numbers and percentages of test scores evaluated, letter grades awarded, and semester hours of credit eligibility are presented. In addition, Table 8 summarizes the results of the credit-by-examination program in chemistry during the 1988-1989 testing year.

During the time period covered by this report, 845 chemistry tests were evaluated; 368 of these scores merited a total of 1,245 semester hours of credit eligibility. The Measurement and Evaluation Center administered 695 (82%) tests on the U.T. Austin campus. Three tests were given by the Department of Chemistry, with the remaining 147 test scores reported to the MEC from national administrations of the AP Examination in Chemistry.

The U.T. Austin Test for Credit in Chemistry 301 had the largest volume of test scores -- 486 (58%) of the 845 test scores evaluated. This test's population produced 140 tests that generated credit eligibility resulting in 420 semester hours of credit eligibility. Twenty-nine percent of the students who tried to earn credit by means of this test were successful in their attempts.

The AP Examination in Chemistry was ranked second in terms of test volume with 147 (13%) of the scores. This program had 47 scores meriting credit with 282 semester hour of eligibility accruing. Thirty-two percent of the AP scores merited credit.

Chemistry 304K: *Introduction to Chemistry*

The U.T. Austin Test for Credit in Chemistry 304K, constructed locally by the U.T. Austin Department of Chemistry, allows one hour and 15 minutes of working time. The test is administered only on the U.T. Austin campus.

Eligible to take this optional test are individuals who have not taken the test previously and have neither a passing nor a failing grade for Chemistry 304K.

Table 3
Credit by Examination in Chemistry 304K: U.T. Austin
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	55	46	165
With grade of B	42	35	126
With grade of C	13	11	39
Total eligible	110	92	330
Not eligible	9	8	0
Total	119	100	330

Chemistry 301: Introductory Chemistry

The U.T. Austin Test for Credit in Chemistry 301, constructed locally by the U.T. Austin Department of Chemistry, allows one hour and 15 minutes of working time. The test is administered only on the U.T. Austin campus.

Individuals who have not taken the test previously and have neither a passing nor a failing grade for Chemistry 301 or its equivalent are eligible to take the examination.

The test is required of students who plan to work toward a Bachelor of Science degree in chemistry, physics, or chemical engineering, who studied chemistry in high school, and who do not already have credit for Chemistry 301 or its equivalent. Other engineering majors and candidates for a Bachelor of Arts degree in physics are encouraged to take the test if they have sufficient background. The test is appropriate for other students with a strong background in high school chemistry.

Table 4
Credit by Examination in Chemistry 301: U.T. Austin
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	30	6	90
With grade of B	47	10	141
With grade of C	63	13	189
Total eligible	140	29	420
Not eligible	346	71	0
Total	486	100	420

Chemistry 302: Principles of Chemistry

The U.T. Austin Test for Credit in Chemistry 302, constructed locally by the U.T. Austin Department of Chemistry, allows one hour and 15 minutes of working time. The test is administered only on the U.T. Austin campus.

Eligible to take this optional test are individuals who have not taken the test previously and have neither a passing nor a failing grade for Chemistry 302 or its equivalent.

Table 5
Credit by Examination in Chemistry 302: U.T. Austin
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	8	19	24
With grade of B	11	26	33
With grade of C	11	26	33
Total eligible	30	71	90
Not eligible	12	29	0
Total	42	100	90

Chemistry 305: Topics in General Chemistry

The U.T. Austin Test for Credit in Chemistry 305, constructed locally by the U.T. Austin Department of Chemistry, allows one hour and 15 minutes of working time. The test is administered only on the U.T. Austin campus.

Eligible to take this optional test are individuals who have not taken the test previously and have neither a passing nor a failing grade for Chemistry 305 or its equivalent.

Table 6
Credit by Examination in Chemistry 305: U.T. Austin
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	5	10	15
With grade of B	13	27	39
With grade of C	21	44	63
Total eligible	39	81	117
Not eligible	9	19	0
Total	48	100	117

Chemistry 301 and 302

The College Board Advanced Placement (AP) Examination in Chemistry allows 90 to 105 minutes of working time for the objective portion of the test with an additional 75 to 90 minutes allotted for the essay/free response portion of the examination.

For a College Board AP score of 5, the student is awarded the letter grade of A for both Chemistry 301 and Chemistry 302. An AP score of 4 merits Credit Only for both courses; there is no letter grade attached. Chemistry AP scores of 3, 2, and 1 are not eligible for credit at U.T. Austin.

Table 7
Credit by Examination in Chemistry 301 and 302: AP Chemistry
1988-1989

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Course and Grade				Semester Hours of Credit Eligibility
	N	%	N	%	301		302		N
					A	CR	A	CR	
5	16	11	16	34	16	-	16	--	96
4	31	21	31	66	--	31	--	31	186
3, 2, 1	100	68	0	0	--	--	--	--	0
Total	147	100	47	100	16	31	16	31	282

Table 8
Summary of Credit by Examination in Chemistry
1988-1989

Test and Course(s)	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
U.T.: CH 304K	119	14	110	30	330	27
U.T.: CH 301	486	58	140	38	420	34
U.T.: CH 302	42	5	30	8	90	7
U.T.: CH 305	48	6	39	11	117	9
AP: CH 301, 302	147	17	47	13	282	23
Departmental: Miscellaneous	3	<1	2	1	6	<1
Total	845	100	368	101*	1,245	100

* This figure differs from 100% because of rounding.

CHINESE

Chinese 506, 507, 412K, 412L

The U.T. Austin Test for Credit in Chinese, locally constructed by the faculty members of the Department of Oriental and African Languages and Literatures, is divided into two sections -- a 20-minute taped listening portion and a 40-minute reading portion.

Individuals who have not taken this test previously are eligible to do so. The test is required of all students who have knowledge of Chinese, who have no college credit in Chinese, and who intend to enroll in a U.T. Austin Chinese course.

During the 1988-1989 testing year, the Measurement and Evaluation Center administered 287 Chinese tests; 278 tests merited credit. A total of 4,737 semester hour of credit eligibility was generated by this test.

Table 9
Credit by Examination in Chinese: U.T. Austin
1988-1989
(Number of Test Scores Evaluated: 287)

Course	Test Scores Generating Eligibility	A	Grade B	C	Semester Hours of Credit Eligibility
506	278	257	6	15	1,390
507	263	251	6	6	1,315
412K	257	249	2	6	1,028
412L	251	239	10	2	1,004
Total	--	--	--	--	4,737

Table 10
Summary of Credit by Examination in Chinese: U.T. Austin
1988-1989

Combination of Courses	Test Scores Evaluated		Semester Hours of Credit Eligibility	
	N	%	N	%
506, 507, 412K, 412L	251	87	4,518	95
506, 507, 412K	6	2	84	2
506, 507	6	2	60	1
506	15	5	75	2
Total eligible	278	97*	4,737	100
Not eligible	9	3	0	0
Total	287	100	4,737	100

* Because of rounding, this figure differs from that obtained by addition of the above four figures.

COMPUTER SCIENCES

Computer Sciences 304P: Pascal Programming

Two different tests are used to award credit by examination in computer sciences at U.T. Austin: the U.T. Austin Test for Credit in Computer Sciences 304P and the College Board AP Examination in Computer Science. Tables 11 through 14 document the results of each of the tests. The numbers and percentages of test scores evaluated, letter grades awarded, and semester hours of credit eligibility are presented. In addition, Table 15 summarizes the results of the credit-by-examination program during the 1988-1989 testing year. A total of 236 test scores were evaluated during this time period with 134 eligible tests accruing 402 semester hours of credit eligibility.

The U.T. Austin Test for Credit in Computer Sciences 304P, constructed locally by faculty members of the U.T. Austin Department of Computer Sciences, allows two hours of working time. The test is administered only on the U.T. Austin campus.

Individuals who have a score of 460 on the College Board Achievement Test in Mathematics Level I or three hours of college credit in a college mathematics course, who do not have credit in Computer Sciences 328, who do not have a passing or a failing grade in Computer Sciences 304P, and who have not taken the test previously are eligible to take this optional examination.

Table 11
Credit by Examination in Computer Sciences 304P: U.T. Austin
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of <i>A</i>	0	0	0
With grade of <i>B</i>	2	12	6
With grade of <i>C</i>	6	35	18
Total eligible	8	47	24
Not eligible	9	53	0
Total	17	100	24

The three-hour College Board Advanced Placement Examination in Computer Science consists of a multiple-choice section and a free-response section. Two scores are possible on this examination: all candidates receive a score for Computer Science A and those who take the entire format receive a second score for Computer Science AB.

The Computer Science A scores merited the following credit eligibility:

Score of 5	CS 304P with a grade of <i>A</i>
Score of 4	CS 304P with a grade of <i>B</i>
Score of 3	CS 304P with a grade of <i>C</i>
Scores of 2 and 1	No credit

The Computer Science AB scores merited additional credit eligibility under the policy in effect from April 1, 1988, to September 7, 1988:

Score of 5	CS 315 with a grade of <i>A</i>
Score of 4	CS 315 with a grade of <i>B</i>
Scores of 3, 2 and 1	No credit

Effective September 8, 1988, a Computer Science A score and/or a Computer Science AB score generated credit for CS 304P only. If a student had both scores, the Measurement and Evaluation Center used the higher score to award credit for Computer Sciences 304P as follows:

Score of 5	CS 304P with a grade of A
Score of 4	CS 304P with a grade of B
Score of 3	CS 304P with a grade of C
Scores of 2 and 1	No credit

The College Board AP Examination had 216 test scores reported to U.T. Austin from national administrations. One hundred twenty five test scores from the AP program qualified for credit and produced 369 semester hours of credit eligibility.

Table 12
Credit by Examination in Computer Sciences
AP Computer Science: A
1988-1989

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Course and Grade			Semester Hours of Credit Eligibility
	N	%	N	%	A	B 304P	C	
5	30	32	30	39	30	--	--	90
4	19	20	19	25	--	19	--	57
3	27	29	27	36	--	--	27	81
2, 1	17	18	0	0	--	--	--	0
Total	93	99*	76	100	30	19	27	228

* This figure differs from 100% because of rounding.

Table 13
Credit by Examination in Computer Sciences
AP Computer Science: AB
1988-1989

Scores evaluated under policy in effect from April 1, 1988, to September 7, 1988

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Course and Grade 315		Semester Hours of Credit Eligibility N
	N	%	N	%	A	B	
5	30	26	30	71	30	--	90
4	12	10	12	29	--	12	36
3, 2, 1	75	64	0	0	--	--	0
Total	117	100	42	100	30	17	126

Table 14
Credit by Examination in Computer Sciences
AP Computer Science: AB
1988-1989

Scores evaluated under policy in effect after September 7, 1988

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Course and Grade 304P			Semester Hours of Credit Eligibility N
	N	%	N	%	A	B	C	
5	2	33	2	40	2	--	--	6
4	3	50	3	60	--	3	--	9
3	0	0	0	0	--	--	0	0
2, 1	1	17	0	0	--	--	--	0
Total	6	100	5	100	2	3	1	15

Table 15
Summary of Credit by Examination in Computer Sciences
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
U.T.	17	7	8	6	24	6
AP	216	92	123	92	369	92
Departmental: Miscellaneous	3	1	3	2	9	2
Total	236	100	134	100	402	100

DATA PROCESSING AND ANALYSIS

Data Processing and Analysis 310: *Introduction to Electronic Data Processing*

The U.T. Austin Test for Credit in DPA 310, constructed locally by faculty members of the U.T. Austin Department of General Business, allows two hours of working time. The test is administered only at the U.T. Austin campus.

Individuals who do not have a passing or a failing grade in DPA 310, who have credit for Mathematics 403K or its equivalent, and who have not taken the test previously are eligible to take this optional examination.

During the 1988-1989 testing year, the Measurement and Evaluation Center administered 17 DPA 310 tests. Eight tests qualified for 24 semester hours of credit eligibility.

Table 16
Summary of Credit by Examination in DPA 310
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	0	0	0
With grade of B	4	24	12
With grade of C	4	24	12
Total eligible	8	47*	24
Not eligible	9	53	0
Total	17	100	24

* Because of rounding, this figure differs from that obtained by addition of the above three figures.

ECONOMICS

Three College Board CLEP Subject Examinations are used to award credit by examination in three economics courses: Introductory Macroeconomics (Economics 302), Introductory Microeconomics (Economics 303), and Introductory Micro- and Macroeconomics (Economics 302 and 303). One hour and 30 minutes of working time are allowed for each test.

Individuals who have not taken these optional tests within the past six months and who have neither a passing nor a failing grade in the course(s) for which they are attempting to earn credit are eligible to take these tests.

This report documents the results of the credit-by-examination program in this subject during the 1988-1989 testing year. During this time period, 114 test scores were evaluated. Of this total 92 test scores qualified for 357 semester hours of credit eligibility.

The Measurement and Evaluation Center administered 107 CLEP economics tests on the U.T. Austin campus during the 1988-1989 testing year. Seven scores were reported from national CLEP administrations.

Tables 17-19 present the numbers and percentages of test scores evaluated, letter grades awarded, and the semester hours for the three CLEP examinations. Table 20 summarizes the results of all credit by examination in economics during the time period.

Table 17
Credit by Examination in Economics 302: CLEP Introductory Macroeconomics
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	7	18	21
With grade of B	10	26	30
With grade of C	14	36	42
Total eligible	31	79*	93
Not eligible	8	21	0
Total	39	100	93

* Because of rounding, this figure differs from that obtained by addition of the above three figures.

Note. Score ranges: 63-80 = A, 55-62 = B, 48-54 = C, 20-47 = no credit.

Table 18
Credit by Examination in Economics 303: CLEP Introductory Microeconomics
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	15	35	45
With grade of B	8	19	24
With grade of C	11	26	33
Total eligible	34	79*	102
Not eligible	9	21	0
Total	43	100	102

* Because of rounding, this figure differs from that obtained by addition of the above three figures.

Note. Score ranges: 61-80 = A, 54-60 = B, 47-53 = C, 20-46 = no credit.

Table 19
Credit by Examination in Economics 302 and 303:
CLEP Introductory Micro- and Macroeconomics
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	12	38	72
With grade of B	10	31	60
With grade of C	5	16	30
Total eligible	27	84*	162
Not eligible	5	16	0
Total	32	100	162

* Because of rounding, this figure differs from that obtained by addition of the above three figures.

Note. Score ranges: 61-80 = A, 54-60 = B, 47-53 = C, 20-46 = no credit.

Table 20
Summary of Credit by Examination in Economics
1988-1989

Test and Course(s)	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
CLEP Introductory Macroeconomics, ECO 302	39	34	31	34	93	26
CLEP Introductory Microeconomics, ECO 303	43	38	34	37	102	29
CLEP Introductory Micro- and Macroeconomics, ECO 302 and 303	32	28	27	29	162	45
Total	114	100	92	100	357	100

ENGLISH

Five tests are used to grant credit by examination in English at U.T. Austin. The College Board Achievement Test in English Composition (ECT) is used for English 306. A second English test used at the freshman level is the College Board AP Examination in Language and Composition, for which credit in English 306 and 308 can be earned. At the sophomore level, English 316K, three other College Board examinations are used: CLEP Subject Examinations in American Literature or English Literature and the AP Examination in Literature and Composition.

Tables 21-25 present results of each examination; Table 26 summarizes the results of credit by examination from all English tests during 1988-1989.

During this testing year, 10,565 English test scores were evaluated. There were 4,389 tests with scores qualifying students for 13,911 semester hours of credit eligibility. The ECT produced the largest test volume: 8,774 test scores evaluated, 3,243 tests generating 9,729 hours of credit eligibility. The AP Examination in Literature and Composition ranked second in this comparison with 1,072 test evaluated and 821 eligible test scores producing 2,463 semester hours of credit eligibility.

The Measurement and Evaluation Center administered 5,995 English tests during this time period. The remaining 4,570 test scores were reported from national administrations of the ECT and the two College Board AP Examinations in English.

English 306: *Rhetoric and Composition*

The College Board Achievement Test in English Composition allows one hour of working time. A score on this test is required before enrollment in English 306, the basic first-semester college English course.

The ECT is available in both institutional and national administrations. The Measurement and Evaluation Center administered 5,895 (67%) of these tests on the U.T. Austin campus during the 1988-1989 testing year. The remaining tests were given in national administrations.

Table 21 presents the 1988-1989 credit by examination results of both national and institutional administrations of the ECT. A total of 8,774 scores were evaluated during this time period; 3,243 of the tests merited 9,729 semester hours of credit eligibility.

Table 21
Credit by Examination in English 306: Achievement Test in English Composition
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	1,438	16	4,314
With grade of B	1,805	21	5,415
Total eligible	3,243	37	9,729
Not eligible	5,531	63	0
Total	8,774	100	9,729

Note. Score ranges: 610-800 = A, 550 - 609 = B, 200 - 549 = no credit.

English 306: Rhetoric and Composition

English 308: Expository Writing

The College Board Advanced Placement Examination in Language and Composition is a three-hour test divided into two portions; typically, an hour and 15 minutes is allotted for the multiple-choice portion and an hour and 45 minutes for the essay portion. A College Board rating of 5 or 4 on this examination creates eligibility for both English 306 and 308 with the letter grade of A. A rating of 3 is reviewed by the Department of English for possible credit in English 306 and/or English 308 with a letter grade of A or B for one or both courses. Scores of 2 and 1 are not eligible for credit.

Table 22 documents the results of the 619 scores on the AP Language and Composition examination during 1988-1989. A total of 282 of the tests merited 1,590 semester hours of credit eligibility in freshman English.

Table 22
Credit by Examination in English 306 and 308: AP English in Language and Composition
1988-1989

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Course and Grade				Semester Hours of Credit Eligibility N
	N	%	N	%	306		308		
					A	B	A	B	
5, 4	239	39	239	85	239	--	239	--	1,434
3	230	37	43	15	4	39	2	7	156
2, 1	150	24	0	0	--	--	--	--	0
Total	619	100	282	100	243	39	241	7	1,590

English 316K: American Literature

The College Board CLEP Subject Examination in American Literature allows 90 minutes of working time on the objective portion. An additional 90 minutes of working time is allotted for the essay portion. The Department of English requires both the objective portion and the essay portion of this optional test.

Table 23
Credit by Examination in English 316K: CLEP American Literature
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	8	15	24
With grade of B	5	10	15
With grade of C	4	8	12
Total eligible	17	33	51
Not eligible	35	67	0
Total	52	100	51

English 316K: English Literature

The College Board CLEP Subject Examination in English Literature allows 90 minutes of working time on the objective portion. The essay portion allots an additional 90 minutes of working time. The Department of English requires both the objective portion and the essay portion of this optional test.

Table 24
Credit by Examination in English 316K: CLEP English Literature
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	7	15	21
With grade of B	6	13	18
With grade of C	13	27	39
Total eligible	26	54*	78
Not eligible	22	46	0
Total	48	100	78

* Because of rounding, this figure differs from that obtained by addition of the above three figures.

English 316K: Masterworks of Literature

The College Board Advanced Placement Examination in Literature and Composition is a three-hour test divided into two portions; typically, an hour and 15 minutes is allotted for the multiple-choice portion and an hour and 45 minutes for the essay portion. A College Board rating of 5 awards a student credit in English 316K with an *A*. With a College Board rating of 4, a student may claim credit in English 316K with a *B*. A rating of 3 merits credit only. Scores of 2 and 1 are not eligible for credit.

Table 25 displays the results of the 1,072 scores for the AP English examination in Literature and Composition evaluated at U.T. Austin during 1988-1989. A total of 821 tests were eligible for credit with 2,463 semester hours of credit eligibility resulting from this national program.

Table 25
Credit by Examination in English 316K: AP English
in Literature and Composition
1988-1989

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		A	Grade		Semester Hours of Credit Eligibility
	N	%	N	%		B	Credit only	N
5	125	12	125	15	125	--	--	375
4	249	23	249	30	--	249	--	747
3	447	42	447	54	--	--	447	1,341
2, 1	251	23	0	0	--	--	--	0
Total	1,072	100	821	99*	125	249	447	2,463

* This figure differs from 100% because of rounding.

Table 26
Summary of Credit by Examination in English
1988-1989

Test and Course(s)	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
ECT: E 306	8,774	83	3,243	74	9,729	70
AP: E 306, 308	619	6	282	6	1,590	11

Subtotal:						
1st year	9,393	89	3,525	80	11,319	81

CLEP: E 316K	100	1	43	1	129	1
AP: E 316K	1,072	10	821	19	2,463	18

Subtotal:						
2nd year	1,172	11	864	20	2,592	19

Total	10,565	100	4,389	100	13,911	100

FRENCH

Three College Board examinations are used to award credit by examination in French at U.T. Austin: the Achievement Test in French Listening-Reading and two Advanced Placement Examinations in French -- French Language and French Literature.

The more commonly used test, the Achievement Test in French Listening-Reading, is available only on the U.T. Austin campus. This test is divided into two sections -- a 20-minute taped portion and a 40-minute reading portion. Students who have not taken the test previously are eligible to earn credit by examination by means of this test. The test is required of all students who have knowledge of French, who have no college credit in French, and who intend to enroll in a U.T. Austin French course. It is possible for students to earn credit for the first four courses in

the major four-skill sequence: French 506, *First-Year French I*; French 507, *First-Year French II*; French 312K, *Second-Year French I: Four Skills*; French 312L, *Second-Year French II: Four Skills--Literature*.

During the 1988-1989 testing year, the Measurement and Evaluation Center administered 1,043 French Achievement Listening-Reading tests. Table 27 presents the results, by course, of those tests. The numbers generating credit, the letter grades, and the number of semester hours generated for a specific course are recorded. Data on the same tests are shown in a different format in Table 28 with results arranged by the combination of courses for which the students earned credit eligibility.

Table 27
Credit by Examination: Achievement Test in French Listening-Reading
1988-1989
(Number of Test Scores Evaluated: 1,043)

Course	Test Scores Generating Eligibility	Grade			Semester Hours of Credit Eligibility
		A	B	C	
506	658	370	152	136	3,290
507	331	150	75	106	1,655
12K	196	123	37	36	588
312L	134	69	29	36	402
Total	--	--	--	--	5,935

The 658 test scores that qualified for credit produced 5,935 semester hours of eligibility. The largest amount of credit eligibility was generated by scores on the 134 tests that merited the maximum amount of credit available from this test. This well-prepared group earned 2,144 semester hours. In the second-ranked group were the 327 students that earned credit for French 506 only with a total of 1,635 semester hours.

Table 28
Credit by Examination: Achievement Test in French Listening-Reading
1988-1989

Combination of Courses	Test Scores Evaluated		Semester Hours of Credit Eligibility	
	N	%	N	%
506, 507, 312K, 312L	134	13	2,144	36
506, 507, 312K	62	6	806	14
506, 507	135	13	1,350	23
506	327	31	1,635	28
Total eligible	658	63	5,935	100*
Not eligible	385	37	0	0
Total	1,043	100	5,935	100

* Because of rounding, this figure differs from that obtained by addition of the above four figures.

Table 29
Placement System for Scores on the College Board Achievement Test in French
Listening-Reading Received by the Measurement and Evaluation Center
After April 1, 1986 - The University of Texas at Austin

Composite Score	Course and Grade				Register for
	506	507	312K	312L	
640-800	A	A	A	A	Upper Division Course
610-630	A	A	A	B	
590-600	A	A	A	C	
580	A	A	B	C	
570	A	A	B		French 312L, 312M, 312N, or 310L
560	A	B	B		
540-550	A	B	C		
530	A	B			French 312K, 310K or 610
490-520	A	C			
480	A				French 508K
450-470	B				
430-440	C				
			No Credit		
200-420					French 506 or 604

Note. The Department of French and Italian strongly recommends that students placing out of a lower-division French course and wishing to go on to the next level do so only if they obtain a grade of B or better.

The College Board AP Examination in French Language is approximately two hours and 30 minutes long. Listening and reading abilities are tested in the multiple-choice portion; the free-response portion evaluates writing and speaking skills.

A College Board rating of 5 on this examination qualifies a student for credit in the first four courses in the major sequence (French 506, 507, 312K, 312L), French 324K, 324M, and 371L -- all seven courses with the letter grade of A. The student with a rating of 4 earns a grade of A for the first four courses and for French 324K and 324M. A rating of 3 qualifies the student for credit with A's in the first four courses and credit only for French 324K. The lower rating of 2 merits credit for only French 506 and 507 with A's for each course. A rating of 1 is not eligible for credit.

The results of the AP French Language are presented in Table 30. There were 72 test scores evaluated with 62 test scores qualifying for 1,190 semester hours of credit eligibility.

Table 30
Credit by Examination: AP French Language
1988-1989

AP Score	Test Scores Evaluated	Test Scores Generating Eligibility	Courses					Semester Hours of Credit Eligibility
			506, 507	312K, 312L	324K	324M	371L	
5	15	15	15	15	15	15	15	375
4	13	13	13	13	13	13	--	286
3	21	21	21	21	21	--	--	399
2	13	13	13	--	--	--	--	130
1	10	0	--	--	--	--	--	0
Total	72	62	62	49	49	28	15	1,190

The College Board AP Examination in French Literature is approximately three hours long. The multiple-choice section is between 70 and 90 minutes in length; the free-response portion is between 90 and 105 minutes long.

A College Board rating of 5 on this examination qualifies a student for credit in the first four courses in the major sequence (French 506, 507, 312K, 312L), plus French 324K, 321L, and 326L -- all seven courses with the letter grade of A. The student with a rating of 4 earns a grade of A for the first four courses, and for French 321L and 326L. A rating of 3 qualifies the student for credit with A's in the first four courses and credit only for French 321L. The lower rating of 2 merits credit for only French 506 and 507 with A's for each course. A rating of 1 is not eligible for credit.

The results of the AP French Literature are presented in Table 31. The seven scores received from the Literature examination generated 118 semester hours of credit eligibility.

Table 31
Credit by Examination: AP French Literature
1988-1989

AP Score	Test Scores Evaluated	Test Scores Generating Eligibility	Courses					Semester Hours of Credit Eligibility
			506, 507	312K 312L	324K	321L	326L	
5	0	0	0	0	0	0	0	0
4	1	1	1	1	--	1	1	22
3	4	4	4	4	--	4	--	76
2	2	2	2	--	--	--	--	20
1	0	0	--	--	--	--	--	0
Total	7	7	7	5	0	5	1	118

The 1988-1989 program of credit by examination in French is documented in Table 32, which shows the numbers and percentages of test scores evaluated, test scores generating eligibility, and semester hours of credit eligibility. Scores on the College Board Achievement Test in French, administered by the Measurement and Evaluation Center, accounted for 92% of the volume in the testing program in French. This test had 658 test scores warranting credit; they produced 5,935 semester hour of credit eligibility. The 79 Advanced Placement Examinations included 69 with scores qualifying students for credit, while all ten departmental tests yielded successful performances and 48 hours of credit eligibility. Overall, 7,291 semester hours of credit eligibility were generated by 737 (65%) of the 1,132 tests.

Table 32
Summary of Credit by Examination in French
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Achievement	1,043	92	658	89	5,935	81
AP	79	7	69	9	1,308	18
Department:						
Miscellaneous	10	1	10	1	48	1
Total	1,132	100	737	99*	7,291	100

* This figure differs from 100% because of rounding.

GERMAN

Two College Board examinations are used to award credit by examination in German at U.T. Austin: the Achievement Test in German Listening-Reading, with additional questions constructed by the Department of Germanic Languages, and the Advanced Placement Examination in German Language.

The more commonly used test, the College Board Achievement Test in German Listening-Reading with the U.T. Austin items, is available only on the U.T. Austin campus. The College Board test is divided into two sections -- a 20-minute taped listening portion and a 40-minute reading portion; an additional 30 minutes are allowed for the U.T. Austin items. Students who have not taken the test previously are eligible to attempt to earn credit by means of this test. It is required of all students who have knowledge of German, who have no college credit in German, and who intend to enroll in a U.T. Austin German course. It is possible for students to earn credit for the first four German courses: German 506, *First-Year German I*; German 507, *First-Year German II*; German 312K, *Second-Year German I*, and German 312L, *Second-Year German II* (each course with readings in the humanities and social sciences).

During the 1988-1989 testing year, the Measurement and Evaluation Center administered 383 Achievement tests in German Listening-Reading. Table 33 presents the results, by course, of those tests. The number of test scores generating credit, the letter grades and the number of semester hours of credit eligibility generated for a specific course are recorded. Data on the same

tests are shown in a different format in Table 34; the results are arranged by combination of courses for which credit was earned.

The 262 tests with qualifying scores yielded 1,759 semester hours of credit eligibility. The largest segment of this eligible test volume was that of the 201 scores that earned credit for German 506 only with a total of 1,005 semester hours.

Table 33
Credit by Examination: Achievement Test in German Listening-Reading
1988-1989
(Number of Test Scores Evaluated: 383)

Course	Test Scores Generating Eligibility	Grade			Semester Hours of Credit Eligibility
		A	B	C	
506	262	95	66	101	1,310
507	61	39	19	3	305
312K	35	22	13	0	105
312L	13	13	0	0	39
Total	--	--	--	--	1,759

Table 34
Credit by Examination: Achievement Test in German Listening-Reading
1988-1989

Combination of Courses	Test Scores Evaluated		Semester Hours of Credit Eligibility	
	N	%	N	%
506, 507, 312K, 312L	13	3	208	12
506, 507, 312K	22	6	286	16
506, 507	26	7	260	15
506	201	52	1,005	57
Total eligible	262	68	1,759	100
Not eligible	121	32	0	0
Total	383	100	1,759	100

The College Board AP examination in German Language is three hours long. Listening and reading abilities are tested in the multiple-choice portion; the free-response portion evaluates writing skills. A College Board rating of 5 on this examination qualifies a student for credit in the first four German courses (506, 507, 312K, 312L) and in German 328 and 356 -- all six courses with the letter grade of A. The student who earns a rating of 4 becomes eligible for credit in the first four courses and in German 328, again with the grade of A for each course. Scores of 3, 2, or 1 do not qualify the student for credit in German. During the 1988-1989 testing year two German Language AP scores of 5 were reported to U.T. Austin. Three scores of 4 were reported, and 16 scores with lower rating were reported. Based on the five eligible scores, 101 semester hours of credit eligibility were awarded.

Results of the total 1988-1989 credit-by-examination program in German are documented in Table 35, which shows the numbers and percentages of test scores evaluated, test scores generating eligibility, and semester hours of credit eligibility. The College Board Achievement Test in German Listening-Reading, with the additional U.T. Austin items, administered by the Measurement and Evaluation Center, accounted for 92% of the test volume in German. On this test 262 scores warranted credit and produced 1,759 semester hours of credit eligibility--93% of the total of 1,896 semester hours in German.

Table 35
Summary of Credit by Examination in German
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Achievement	383	92	262	94	1,759	93
AP	21	5	5	2	101	5
Departmental:						
Miscellaneous	12	3	12	4	36	2
Total	416	100	279	100	1,896	100

GOVERNMENT

Government 310L: American Government

Two College Board tests are used by the U.T. Austin Department of Government for credit by examination in Government 310L: the College-Level Examination Program Subject Examination in American Government and the Advanced Placement Examination in Government and Politics - American. In addition to either test, a student must take the U.T. Austin Test for Credit in Texas Government, constructed locally by the department, before the composite score can be evaluated.

Eligible to take these optional examinations are individuals who have neither a passing nor a failing grade in Government 310L or its equivalent and have not taken the tests within the past six months.

During the 1988-1989 testing year, 1,049 American Government scores were received for evaluation. The Measurement and Evaluation Center administered 774 CLEP American Government examinations; the remaining 41 CLEP scores were reported to the MEC from national administrations. There were 233 AP Examination scores evaluated during this time period.

Table 36
Credit by Examination in Government 310L: CLEP
American Government and U.T. Austin Items
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	312	38	936
With grade of B	191	23	573
With grade of C	147	18	441
Total eligible	650	80*	1,950
Not eligible	165	20	0
Total	815	100	1,950

* Because of rounding, this figure differs from that obtained by addition of the above three figures.

Table 37
Credit by Examination in Government: AP Government and
Politics - American and U.T. Austin Items
1988-1989

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Grade			Semester Hours of Credit Eligibility N
	N	%	N	%	A	B	C	
5	16	7	7	16	7	0	0	21
4	53	23	17	40	16	1	0	51
3	93	40	19	44	8	9	2	57
2, 1	71	30	0	0	0	0	0	0
Total	233	100	43	100	31	10	2	129

In addition to the scores evaluated from the CLEP and AP examinations, one student earned credit by examination by means of a departmental examination.

Table 38
Summary of Credit by Examination in Government
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
CLEP	815	78	650	94	1,950	94
AP	233	22	43	6	129	6
Department: Miscellaneous	1	<1	1	<1	3	<1
Total	1,049	100	694	100	2,082	100

HISTORY

Four different examinations are used at U.T. Austin to award credit by examination in history: the College Board Advanced Placement Examinations in European History and in American History and the U.T. Austin Tests for Credit in History 315K and History 315L.

History 309K: Western Civilization in Medieval Times

History 309L: Western Civilization in Modern Times

The College Board AP Examination in European History generally allows three hours of working time with one hour and 15 minutes for the multiple-choice section and one hour and 45 minutes for the free-response portion. For a College Board score of 5, a student is awarded credit for History 309K and 309L with the letter grade of *A* for each course. A score of 4 merits credit for both courses with the grade of *B*. A score of 3 is reviewed by the Department of History for possible credit for one or both courses. Scores of 2 or 1 are not eligible for credit.

Table 39 presents the results of scores from the College Board AP Examination in European History that were evaluated during 1988-1989. The numbers and percentages of test scores evaluated for test generating credit eligibility are shown, as well as the grades earned for both courses and the number of semester hours of credit eligibility generated. During this time period 111 scores were evaluated; 56 tests produced a total of 279 semester hours.

Table 39
Credit by Examination in History 309K and 309L:
AP European History
1988-1989

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Course and Grade						Semester Hours of Credit Eligibility
	N	%	N	%	309K			309L			N
5	11	10	11	20	11	--	--	11	--	--	66
4	26	23	26	46	--	26	--	--	26	--	156
3	45	41	19	34	0	0	6	0	0	13	57
2, 1	29	26	0	0	--	--	--	--	--	--	0
Total	111	100	56	100	11	26	6	11	26	13	279

History 315K: The United States, 1492-1865

History 315L: The United States Since 1865

The College Board AP Examination in American History generally allows three hours of working time with one hour and 15 minutes for the multiple-choice section and one hour and 45 minutes for the free-response portion. For a College Board score of 5, a student is awarded credit for History 315K and 315L with the letter grade of A for each course. A score of 4 merits credit for both courses with the grade of B. A score of 3 is reviewed by the Department of History for possible credit for one or both courses. Scores of 2 or 1 are not eligible for credit.

Table 40 presents the results of scores from the College Board AP Examination in American History that were evaluated during 1988-1989. The numbers and percentages of test scores evaluated for test generating credit eligibility are shown, as well as the grades earned for both courses and the number of semester hours of credit eligibility generated. During this time period 636 scores were evaluated; 347 tests produced a total of 1,896 semester hours.

Table 40
Credit by Examination in History 315K and 315L:
AP American History
1988-1989

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Course and Grade						Semester Hours of Credit Eligibility	
	N	%	N	%	315K			315L			N	
5	68	11	68	20	68	--	--	68	--	--	408	
4	216	34	216	62	--	216	--	--	216	--	1,296	
3	222	35	63	18	0	0	34	0	0	30*	192	
2, 1	130	20	0	0	--	--	--	--	--	--	0	
Total	636	100	347	100	68	216	34	68	216	30	1,896	

* Two scores were awarded credit only.

The U.T. Austin Tests for Credit in History 315K and 315L, constructed locally by the Department of History, are essay tests, each with three hours of working time allowed. These tests are administered only on the U.T. Austin campus. Eligible to take these optional tests are previously or currently enrolled students who have neither a passing nor a failing grade in the course for which they are attempting to earn credit.

Tables 41 and 42 show the results of these on-campus administrations during 1988-1989. The numbers and percentages of test scores evaluated, letter grade, and semester hours of credit eligibility are presented.

Table 41
Credit by Examination in History 315K: U.T. Austin
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	0	0	0
With grade of B	0	0	0
With grade of C	1	14	3
Total eligible	1	14	3
Not eligible	6	86	0
Total	7	100	3

Table 42
Credit by Examination in History 315L: U.T. Austin
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	0	0	0
With grade of B	3	43	9
With grade of C	1	14	3
Total eligible	4	57	12
Not eligible	3	43	0
Total	7	100	12

1989 testing year. The College Board AP Examination in American History provided the largest amount of test volume in this subject; 636 test scores were reported to U.T. Austin from national administrations of this examination. Of the 761 scores evaluated, 408 yielded 2,190 semester hours of credit eligibility.

Table 43
Summary of Credit by Examination in History
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
AP: European	111	15	56	14	279	13
AP: American	636	84	347	85	1,896	87
U.T.	14	2	5	1	15	1
Total	761	101*	408	100	2,190	101*

*This figure differs from 100% because of rounding.

LATIN

Three tests are used to award credit by examination in Latin at U.T. Austin: the U.T. Austin Test for Credit in Latin and the College Board Advanced Placement Examination in Latin (Vergil and Catullus-Horace).

Titles of the six courses in which credit can be earned are as follows: Latin 506: *First-Year Latin I*; Latin 507: *First-Year Latin II*; Latin 311: *Second-Year Latin I--Selected Roman Writers*; Latin 312K: *Second-Year Latin II--Vergil's Aeneid*; Latin 312M: *Second-Year Latin II--Prose*; Latin 316: *Lyric Poetry, Classical and Medieval*.

On the U.T. Austin Test for Credit in Latin, a student may attempt to earn credit for any/all of the six courses listed above. A suggested time of three hours is given for this essay test; additional time may be used if necessary. Table 44 displays the results of this test during the 1988-1989

testing year. The table does not show all of the possible combinations of courses because no student earned credit in all of the courses; the table shows the credit eligibility actually earned.

Of the 23 Latin tests administered by the Measurement and Evaluation Center, 15 merited credit. A total of 172 semester hours of credit eligibility was generated by means of this locally constructed test.

Table 44
Credit by Examination in Latin: U.T. Austin
1988-1989

Combination of Courses	Test Scores Evaluated		Semester Hours of Credit Eligibility	
	N	%	N	%
506, 507, 312K, 312K	4	17	64	37
506, 507, 311	6	26	78	45
506, 507	1	4	10	6
506	4	17	20	12
Total eligible	15	65*	172	100
Not eligible	8	35	0	0
Total	23	100	172	100

* Because of rounding, this figure differs from that obtained by addition of the above four figures.

The annual AP Latin examinations have three parts. There is a single multiple-choice section that serves for either Latin test and two free-response sections -- one for the test on Vergil and one for the test on Catullus-Horace.

Credit for four Latin courses can be awarded for a satisfactory score on the AP Latin Vergil examination: Latin 506, 507, 311, and 312K. A College Board score of 5 on this test qualifies a student for credit for all four courses with the grade of *A*. A score of 4 allows a student credit eligibility with the grade of *A* for 506 and 507 and a grade of *B* for 311 and 312K. If a student earns a score of 3, the credit is the grade of *B* for the first two courses and the grade of *C* for the remaining two courses. College Board scores of 2 and 1 are not awarded any credit.

Table 45 displays the results of the 1988-1989 evaluation of the AP Latin Vergil examination. Twenty-one scores were received during this testing year. Fourteen tests earned a total of 224 semester hours of credit eligibility. The other seven scores did not merit credit.

Table 45
Credit by Examination in Latin:
AP Latin Vergil
1988-1989

AP Score	Test Scores Evaluated	Test Scores Generating Eligibility	Courses				Semester Hours of Credit Eligibility
			506	507	311	312K	
5	2	2	2	2	2	2	32
4	5	5	5	5	5	5	80
3	7	7	7	7	7	7	112
2, 1	7	0	0	0	0	0	0
Total	21	14	14	14	14	14	224

Credit for four Latin course can be awarded for a satisfactory score on the AP Latin Catullus-Horace examination: Latin 506, 507, 311, and 316. A College Board score of 5 on this test qualifies a student for credit for all four courses with the grade of *A*. A score of 4 allows a student credit eligibility with the grade of *A* for 506 and 507 and a grade of *B* for 311 and 316. If a student earns a score of 3, the credit is the grade of *B* for the first two courses and the grade of *C* for the remaining two courses. College Board scores of 2 and 1 are not awarded any credit.

Table 46 displays the results of the 1988-1989 evaluation of the AP Latin Catullus-Horace examination. Five scores were received during this testing year. Three tests earned a total of 48 semester hours of credit eligibility. The other two scores did not merit credit.

Table 46
Credit by Examination in Latin:
AP Latin Catullus-Horace
1988-1989

AP Score	Test Scores Evaluated	Test Scores Generating Eligibility	Courses				Semester Hours of Credit Eligibility
			506	507	311	316	
5	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
3	3	3	3	3	3	3	48
2, 1	2	0	0	0	0	0	0
Total	5	3	3	3	3	3	48

Results of the total 1988-1989 credit-by-examination Program in Latin are documented in Table 47, which shows the numbers and percentages of test scores evaluated, tests scores generating credit eligibility, and semester hours of credit eligibility. Overall, 32 of the 49 Latin test scores evaluated generated 444 semester hours.

Table 47
Summary of Credit by Examination in Latin
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
AP	26	53	17	53	272	61
U.T.	23	47	15	47	172	39
Total	49	100	32	100	444	100

MATHEMATICS

Mathematics 301: College Algebra

Two tests, in combination, are used by the U.T. Austin Department of Mathematics in its program of credit by examination in Mathematics 301. The College Board CLEP Subject Examination in College Algebra allows one hour and 30 minutes of working time. An additional hour of working time is allowed for the second test prepared locally by the department.

Individuals who have not taken the tests within the past six months and have neither a passing nor a failing grade or grade symbol for Mathematics 301 are eligible to take these optional tests.

The results of credit by examination in Mathematics 301 for the 1988-1989 testing year are recorded in Table 48, which shows the numbers and percentages of test scores evaluated; also reported are the letter grades and number of semester hours of credit eligibility. All except two of the examinations were given by the Measurement and Evaluation Center. The 30 tests that earned qualifying scores produced 90 semester hours of credit eligibility.

Table 48
Credit by Examination in Mathematics 301: CLEP
College Algebra and U.T. Austin Items
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	20	49	60
With grade of B	4	10	12
With grade of C	6	15	18
Total eligible	30	73*	90
Not eligible	11	27	0
Total	41	100	90

* Because of rounding, this figure differs from that obtained by addition of the above three figures.

Note. Because eligibility for credit is not based on CLEP scores alone, no CLEP scores are listed.

Mathematics 305 G: Elementary Functions and Co-ordinate Geometry

The U.T. Austin Department of Mathematics uses two College Board Achievement Test for credit by examination in Mathematics 305G. The preferred test is Mathematics Level I, but Mathematics Level II may be use as an alternative. The Level I test is available in both institutional and national administrations; the Level II test is offered only through national administrations. Both tests allow one hour of working time.

Table 49 presents the results of the 1988-1989 testing year administrations, institutionally and nationally, of the Mathematics Achievement Tests, both Level I and Level II. Numbers and percentages of test scores evaluated are displayed along with the resulting number of letter grades and semester hours of credit eligibility.

The Measurement and Evaluation Center administered 5,707 of the Mathematics Achievement tests documented in this report. There were 3,058 scores from national administrations--2,409 scores for the Mathematics Level I test and 649 scores for the Mathematics Level II test. Overall, 8,765 scores from the Mathematics Achievement Tests were evaluated during the 1988-1989 testing year. A total of 3,692 test scores merited credit for Mathematics 305G, from which 11,076 semester hours of credit eligibility accrued.

Table 49
Credit by Examination in Mathematics 305G: Achievement Tests in
Mathematics Level I and Mathematics Level II
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	980	11	2,940
With grade of B	1,520	17	4,560
With grade of C	1,192	14	3,576
Total eligible	3,692	42	11,076
Not eligible	5,073	58	0
Total	8,765	100	11,076

Note. Score ranges: 670-800 = A, 660-669 = B, 560-599 = C, 200-559 = no credit.

Mathematics 808A: Calculus I

The College Board CLEP Subject Examination in Calculus with Elementary Functions allows 90 minutes of working time. Individuals who have not taken the test within the past six months and have neither a passing nor a failing grade for Mathematics 808A are eligible to take this optional test.

Results from institutional and national administrations of the CLEP Calculus test for the 1988-1989 testing year are shown in Table 50. There were 61 Calculus scores evaluated during this time period; 44 test scores accrued 176 semester hours of credit eligibility. The Measurement and Evaluation Center administered all except three of the examinations.

Table 50
Credit by Examination in Mathematics 808A:
CLEP Calculus with Elementary Functions
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	26	43	104
With grade of B	8	13	32
With grade of C	10	16	40
Total eligible	44	72	176
Not eligible	17	28	0
Total	61	100	176

Note. Score ranges: 56-80 = A, 51-55 = B, 46-50 = C, 20-45 = no credit.

Mathematics 808A, 608EA, and 608EB: Calculus

Two College Board Advanced Placement Examinations are used in the credit-by-examination program for mathematics -- the Mathematics AP Examinations in Calculus AB and in Calculus BC. Each of these examinations allots approximately three hours of working time. Each examination is divided into two sections; Section I consists of multiple-choice questions and Section II consists of problems requiring written solutions. The two sections are allotted roughly equal timing.

On the Calculus AB examination, College Board scores of 5 and 4 merit credit for Mathematics 808A with the letter grade of A. A score of 3 is awarded a B for the course; scores of 2 and 1 do not yield credit eligibility.

Students have a choice in the mathematics courses they can accept if they qualify on the Calculus BC examination. The choices are shown below.

<u>College Board Score</u>	<u>U.T. Austin Courses and Grades</u>		
5	M 808A, A	or	M 608EA, A and M 608EB, A
4	M 808A, A	or	M 608EA, A and M 608EB, B
3	M 808A, B	or	M 608EA, B and M 608EB, B

Students with scores of 5 - 3 may elect to take the U.T. Austin test over multivariate calculus, administered by the Department of Mathematics, for possible credit in M 808B.

A summary of results from the College Board AP Examinations in Mathematics for 1988-1989 is presented in Table 51. On the Calculus AB examination, 536 scores were evaluated and 412 eligible test scores produced 1,648 semester hours of credit eligibility. With a smaller test volume of 168, the Calculus BC examination produced 151 eligible scores and 604 semester hours.

Table 51
Credit by Examination in Mathematics 808A, 608EA, and 608EB:
AP Mathematics Calculus AB and BC
1988-1989

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Course and Grade 808A		Semester Hours of Credit Eligibility
	N	%	N	%	A	B	N
Calculus AB							
5, 4	241	34	241	43	241	--	964
3	171	24	171	30	--	171	684
2, 1	124	18	0	0	--	--	0
Subtotal	536	76	412	73	241	171	1,648

(continued)

Table 51 (continued)

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Course and Grade 808A**		Semester Hours of Credit Eligibility
	N	%	N	%	A	B	N
Calculus BC							
5, 4	99	14	99	18	99	--	396
3	52	7	52	9	--	52	208
2, 1	17	2	0	0	--	--	0

Subtotal	168	24*	151	27	99	52	604

Total	704	100	536	100	340	223	2,252

* Because of rounding, this figure differs from that obtained by addition of the above three figures.

** Re scores from the Calculus BC examination, it is not known which course options the students elected to claim as credit by examination. Therefore, all Calculus BC scores are recorded under M 808A.

Results of the total U.T. Austin 1988-1989 credit-by-examination program in mathematics are documented in Table 52. Numbers and percentages are shown for test scores evaluated, test scores generating credit eligibility, and semester hours of credit eligibility. The College Board Achievement Tests in Mathematics Level I and Level II provided the largest portion of the mathematics test volume. During this time period, 8,765 Achievement test scores were evaluated. The 3,692 qualifying scores from these two tests generated 11,076 semester hours of credit eligibility.

Table 52
Summary of Credit by Examination in Mathematics
1988-1989

Test and Course(s)	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
CLEP:						
M 301	41	<1	30	1	90	1
Achievement:						
M 305G	8,765	91	3,692	85	11,076	81
CLEP:						
M808A	61	1	44	1	176	1
AP (AB):						
M808A	536	6	412	9	1,648	12
AP (BC):						
M808A or M608EA and M 608EB	168	2	151	3	604	4
Departmental:						
Miscellaneous	12	<1	10	<1	39	<1
Total	9,583	100	4,339	99*	13,633	99*

* This figure differs from 100% because of rounding.

PHYSICS

Physics 302K and 302L: General Physics

Physics 102M and 102N: General Physics Laboratory I and II

Two College Board tests are used to award credit by Examination in Physics 302K, 302L, 102M and 102N: the College Board Achievement Test in Physics and the College Board Advanced Placement Examination in Physics B.

The College Board Achievement Test in Physics allows one hour of working time. This optional test is available both in institutional administrations on the U.T. Austin campus

and in College Board national administrations. Results from both types of administrations from the 1988-1989 testing year are presented in Table 53. The Measurement and Evaluation Center gave 25 Physics Achievement tests during this time period; the remaining 329 were reported to U.T. Austin from national administrations. On 202 of the 354 scores evaluated by the Measurement and Evaluation Center, students earned 1,616 semester hours of credit eligibility.

Table 53
Credit by Examination in Physics: Achievement
Test in Physics
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	60	17	480
With grade of B	58	16	464
With grade of C	84	24	672
Total eligible	202	57	1,616
Not eligible	152	43	0
Total	354	100	1,616

Note. Score ranges: 690-800 = A, 630-689 = B, 570-629 = C, 200-569 = no credit.

The College Board Advanced Placement Examination in Physics B is three hours in length; the time is divided equally between a multiple-choice section and a free-response section. This optional test is available through national administrations.

College Board scores of 5 and 4 qualify the student for credit eligibility in Physics 302K, 302L, 102M, and 102N with the letter grade of A in each course. A score of 3 merits credit for each of the four courses with the grade of B. Scores of 2 and 1 are not eligible for credit.

Table 54 shows the results for the AP Examination in Physics B during the 1988-1989 testing year. Numbers and percentages of test scores evaluated and test scores generating eligibility are shown, as well as the resultant letter grades and semester hours of credit eligibility. On 45 of the

65 scores evaluated by the Measurement and Evaluation Center, students earned 360 semester hours.

Table 54
Credit by Examination in Physics: AP Physics B
1988-1989

AP Score	Test Scores Evaluated		Test Scores Generating Eligibility		Grade		Semester Hours of Credit Eligibility N
	N	%	N	%	A	B	
5, 4	21	32	21	47	21	--	168
3	24	37	24	53	--	24	192
2, 1	20	31	0	0	--	--	0
Total	65	100	45	100	21	24	360

Physics 302K and 102M: General Physics, or
Physics 303K and 103M: Engineering Physics I, or
Physics 301 and 101L: Mechanics, or
Physics 317K and 117M: General Physics I

During the 1988-1989 testing year, two tests were used to award credit by examination for the physics courses listed above: the College Board Advanced Placement Examination in Physics C-Mechanics and the U.T. Austin Test for Credit in Physics-Mechanics.

The choice of courses for which a student may earn credit by examination depends on which of the two tests the student takes and the resulting scores. The reader is referred to the Measurement and Evaluation Center's brochure, *Course Placement and Credit by Examination 1988-1989*, pages 15 and 21, for a detailed listing of course options.

The College Board AP Examination in Physics C, Mechanics, allows 45 minutes of working time for the multiple-choice portion and 45 minutes for the free-response section. The U.T. Austin Test for Credit in Physics-Mechanics has the same time constraints.

Results from the 1988-1989 national and institutional administrations in Physics-Mechanics are documented in Table 55. The institutionally administered tests are shown in a single row. The nationally administered tests are displayed by College Board AP Examination ratings. This table does not report the students' selection of specific courses. Numbers and percentages of test scores evaluated and test scores generating credit are shown as well as the number of semester hours of credit eligibility.

The Measurement and Evaluation Center administered 26 tests in Physics-Mechanics. The remaining 57 scores were reported from national administrations of the AP Physics C-Mechanics examination. Overall, 83 scores were evaluated, with 45 scores generating 180 semester hours of credit.

Table 55
Credit by Examination in Physics: Physics-Mechanics
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility N
	N	%	N	%	
U.T.	26	31	4	9	16
AP Physics C-Mechanics					
5	11	13	11	24	44
4	18	22	18	40	72
3	12	14	12	27	48
2, 1	16	19	0	0	0
Total	83	99*	45	100	180

* This figure differs from 100% because of rounding.

Physics 302L and 102N: *General Physics*, or
Physics 303L and 103N: *Engineering Physics II*, or
Physics 316 and 116L: *Electricity and Magnetism*, or
Physics 317L and 117N: *General Physics II*

During the 1988-1989 testing year, two tests were used to award credit by examination for the physics courses listed above: the College Board Advanced Placement Examination in Physics C-Electricity and Magnetism and the U.T. Austin Test for Credit in Physics-Electricity and Magnetism.

The choice of courses for which a student may earn credit by examination depends on which of the two tests the student takes and the resulting scores. The reader is referred to the Measurement and Evaluation Center's brochure, *Course Placement and Credit by Examination 1988-1989*, pages 15 and 21, for a detailed listing of course options.

The College Board AP Examination in Physics C, Electricity and Magnetism, allows 45 minutes of working time for the multiple-choice portion and 45 minutes for the free-response section. The U.T. Austin Test for Credit in Physics-Electricity and Magnetism has the same time constraints.

Results from the 1988-1989 national and institutional administrations in Physics-Electricity and Magnetism are documented in Table 56. The institutionally administered tests are shown in a single row. The nationally administered tests are displayed by College Board AP Examination ratings. This table does not report the students' selection of specific courses. Numbers and percentages of test scores evaluated and test scores generating credit are shown as well as the number of semester hours of credit eligibility.

The Measurement and Evaluation Center administered 17 tests in Physics-Electricity and Magnetism. The remaining 43 scores were reported from national administrations of the College Board AP Physics C-Electricity and Magnetism examination. Overall, 60 scores were evaluated, with 31 scores generating 124 semester hours of credit.

Table 56
Credit by Examination in Physics: Physics-Electricity and Magnetism
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility N
	N	%	N	%	
U.T.	17	28	2	6	8
AP Physics C- Electricity and Magnetism					
5	9	15	9	29	36
4	8	13	8	26	32
3	12	20	12	39	48
2, 1	14	23	0	0	0
Total	60	99*	31	100	124

* This figure differs from 100% because of rounding.

Table 57 documents the results of credit by examination in physics during the 1988-1989 testing year. The College Board Achievement Test in Physics produced the majority of the volume -- 354 scores evaluated with a resulting 1,616 semester hours of credit eligibility.

Table 57
Summary of Credit by Examination in Physics
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Achievement	354	63	202	63	1,616	71
AP: Physics B	65	12	45	14	360	16
U.T.: Mechanics	26	5	4	1	16	1
AP: Physics C						
Mechanics	57	10	41	13	164	7
U.T.: Electricity and Magnetism	17	3	2	1	8	<1
AP: Physics C						
Electricity and Magnetism	43	8	29	9	116	5
Total	562	101*	323	101*	2,280	100

* This figure differs from 100% because of rounding.

PSYCHOLOGY

Psychology 301: Introduction to Psychology

The College Board College-Level Examination Program Subject Examination in General Psychology allows 90 minutes of working time. Individuals who have not taken the test within the past six months and have neither a passing nor a failing grade for Psychology 301 are eligible to take this optional test.

Table 58 present the results of credit by examination in psychology during the 1988-1989 testing year. The Measurement and Evaluation Center administered 42 CLEP psychology examinations during this time. The remaining three scores were reported to U.T. Austin from national administrations. Thirty-six qualifying test scores generated 108 semester hours of credit eligibility.

Table 58
Summary of Credit by Examination in Psychology
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of <i>A</i>	5	11	15
With grade of <i>B</i>	18	40	54
With grade of <i>C</i>	13	29	39
Total eligible	36	80	108
Not eligible	9	20	0
Total	45	100	108

Note. Score ranges: 65-80 = *A*, 55-64 = *B*, 47-54 = *C*, 20-46 = no credit.

RUSSIAN

The Department of Slavic Languages used two types of tests in its 1988-1989 program of credit by examination: a College Board Achievement test and tests constructed locally by the department.

The College Board Achievement Test in Russian Listening-Reading is divided into two sections -- a 20-minute taped listening portion and a 40-minute reading portion. This test is available only on the U.T. Austin campus.

Eligible to take this test are individuals who have not taken the test previously. The test is required of all students with previous knowledge of Russian who intend to enroll in a U.T. Austin Russian course.

Credit by examination can be earned for the following five lower-division courses: Russian 506--*First-Year Russian I*, Russian 507--*First-Year Russian II*, Russian 312K--*Second-Year Russian I*, Russian 312L--*Second-Year Russian II*, and Russian 218--*Practice in Spoken Russian*.

Credit is based on a combination of test scores and the results of a personal interview with a faculty member in the Department of Slavic Languages. Credit is reported to the Measurement and Evaluation Center as students complete their interviews.

During the 1988-1989 testing year, the Measurement and Evaluation Center administered 23 College Board Achievement Tests in Russian Listening-Reading. Table 59 present the results, by course, of those tests. The number of test scores generating credit, the letter grades, and the number of semester hours of credit eligibility generated for a specific course are recorded. Data on the same tests are shown in a different format in Table 60; the results are arranged by combination of courses in which credit was generated.

Table 59
Credit by Examination: Achievement Test in Russian Listening-Reading
1988-1989
(Number of Test Scores Evaluated: 23)

Course	Test Scores Generating Eligibility	Grade			Semester Hours of Credit Eligibility
		A	B	C	
506	21	14	1	6	105
507	13	13	0	0	65
312K	13	13	0	0	39
312L	13	13	0	0	39
218	11	11	0	0	22
Total	--	--	--	--	270

Table 60
Credit by Examination: Achievement Test in Russian Listening-Reading
1988-1989

Combination of Courses	Test Scores Evaluated		Semester Hours of Credit Eligibility	
	N	%	N	%
506, 507, 312K, 312L, 218	11	48	198	73
506, 507, 312K 312L	2	9	32	12
506, 507, 312K	0	0	--	--
506, 507	0	0	--	--
506	8	35	40	15
Total eligible	21	91*	270	100
Not eligible	2	9	0	0
Total	23	100	270	100

* Because of rounding, this figure differs from that obtained by addition of the above three figures.

Including the locally constructed tests, the overall 1988-1989 credit-by-examination program in Russian is documented in Table 61. The College Board Achievement Test in Russian Listening-Reading constituted 88% of the Russian test volume. This test had 21 scores that warranted credit and produced 270 semester hours of credit.

Table 61
Summary of Credit by Examination in Russian
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Achievement	23	88	21	88	270	96
Departmental: Miscellaneous	3	12	3	13	12	4
Total	26	100	24	101*	282	100

* This figure differs from 100% because of rounding.

SOCIOLOGY

Sociology 302: Introduction to the Study of Society

The College Board College-Level Examination Program Subject Examination in Sociology allows 90 minutes of working time. Individuals who have not taken the test within the past six months and have neither a passing nor a failing grade in Sociology 302 or its equivalent are eligible to take this optional test.

During the 1988-1989 testing year, the Measurement and Evaluation Center administered 68 CLEP Sociology examinations on the U.T. Austin campus; five such scores were reported to U.T. Austin from national administrations of the examination.

Table 62 presents the results of credit by examination in sociology during the time period under review. Numbers and percentages of test scores evaluated are recorded with the corresponding numbers of semester hours of credit eligibility. A total of 73 CLEP Sociology scores were evaluated; 65 scores qualified for 195 semester hours of credit eligibility.

Table 62
Summary of Credit by Examination in Sociology
1988-1989

Eligible for Credit	Test Scores Evaluated		Semester Hours of Credit Eligibility
	N	%	
With grade of A	16	22	48
With grade of B	30	41	90
With grade of C	19	26	57
Total eligible	65	89	195
Not eligible	8	11	0
Total	73	100	195

Note. Score ranges: 64-80 = A, 59-63 = B, 53-58 = C, 20-52 = no credit.

SPANISH

Three College Board examinations are used to award credit by examination in Spanish at U.T. Austin: the Achievement Test in Spanish Listening-Reading and two Advanced Placement Examinations in Spanish -- Spanish Language and Spanish Literature.

The more commonly used test, the Achievement Test in Spanish Listening-Reading, is available only on the U.T. Austin campus. This test is divided into two sections -- a 20-minute taped portion and a 40-minute reading portion. Students who have not taken the test previously are eligible to earn credit by examination by means of this test. The test is required of all students who have knowledge of Spanish, who have no college credit in Spanish, and who intend to enroll in a U.T. Austin Spanish course. It is possible for students to earn credit for the first four courses in the major four-skill sequence: Spanish 506, *First-Year Spanish I*; Spanish 507, *First-Year Spanish II*; Spanish 312K, *Second-Year Spanish I*; Spanish 312L, *Second-Year Spanish II*.

During the 1988-1989 testing year, the Measurement and Evaluation Center administered 3,268 Spanish Achievement Listening-Reading tests. Table 63 presents the results, by course, of those tests. The numbers generating credit, the letter grades, and the number of semester hours generated for a specific course are recorded. Data on the same tests are shown in a different format in Table 64 with results arranged by the combination of courses for which the students earned credit eligibility.

Table 63
Credit by Examination: Achievement Test in Spanish Listening-Reading
1988-1989
(Number of Test Scores Evaluated: 3,268)

Course	Test Scores Generating Eligibility	Grade			Semester Hours of Credit Eligibility
		A	B	C	
506	2,229	1,136	464	629	11,145
507	1,328	750	228	350	6,640
312K	904	471	200	233	2,712
312L	700	344	171	185	2,100
Total	--	--	--	--	22,597

The 2,229 tests on which students earned qualifying scores produced 22,597 semester hours of credit eligibility. The largest segment of this eligible test volume was that of the 901 test scores that earned credit for Spanish 506 only. The second-ranked group was the 700 that merited the maximum amount of credit eligibility (16 semester hours) available for successful performance on this test. This group earned 11,200 hours of credit, 50% of the total number of semester hours.

Table 64
Credit by Examination: Achievement Test in Spanish Listening-Reading
1988-1989

Combination of Courses	Test Scores Evaluated		Semester Hours of Credit Eligibility	
	N	%	N	%
506, 507, 312K, 312L	700	21	11,200	50
506, 507, 312K	204	6	2,652	12
506, 507	424	13	4,240	19
506	901	28	4,505	20
Total eligible	2,229	68	22,597	100*
Not eligible	1,039	32	0	0
Total	3,268	100	22,597	100

* Because of rounding, this figure differs from that obtained by addition of the above four figures.

Table 65
 Placement System for Scores on the College Board Achievement Test in Spanish
 Listening-Reading Received by the Measurement and Evaluation Center
 After April 1, 1987 - The University of Texas at Austin

Composite Score	Course and Grade				Register for
	506	507	312K	312L	
750-800	A	A	A	A	Spanish 315M, 315N, or 318
710-749	A	A	A	B	
690-709	A	A	B	B	
640-689	A	A	B	C	
630-639	A	A	C	C	
610-629	A	A	C		Spanish 312L
570-609	A	B	C		
550-569	A	B			Spanish 312K
520-549	A	C			
490-519	B	C			
460-489	B				Spanish 508K
420-459	C				
			No Credit		
200-419					Spanish 508K or 506

The College Board AP Examination in Spanish Language is approximately two hours and 30 minutes long. Listening and reading abilities are tested in the multiple-choice portion; the free-response portion evaluates writing and speaking skills.

A College Board rating of 5 on this examination qualifies a student for credit in the first four courses in Spanish (506, 507, 312K, 312L) and in Spanish 319 and 327 -- all six courses with the letter grade of *A*. The student with a rating of 4 earns a grade of *A* for the first four courses and *B*'s for Spanish 319 and 327. A rating of 3 qualifies the student for credit with *A*'s in the first four courses and with a grade of *B* in Spanish 319. The rating of 2 merits credit in the first three Spanish courses with *A*'s for each course. A rating of 1 is not eligible for credit.

The results of the AP Spanish Language are presented in Table 66. A total of 159 test scores were evaluated, with 143 scores earning 2,759 semester hours of credit eligibility.

Table 66
Credit by Examination: AP Spanish Language
1988-1989

AP Score	Test Scores Evaluated	Test Scores Generating Eligibility	Courses					Semester Hours of Credit Eligibility
			506, 507	312K	312L	319	327	
5	38	38	38	38	38	38	38	836
4	30	30	30	30	30	30	30	660
3	48	48	48	48	48	48	--	912
2	27	27	27	27	--	--	--	351
1	16	0	--	--	--	--	--	0
Total	159	143	143	143	116	116	68	2,759

The College Board AP Examination in Spanish Literature is approximately three hours long. The multiple-choice section is between 70 and 90 minutes in length; the free-response portion is between 90 and 100 minutes long.

A College Board rating of 5 on this examination qualifies a student for credit in the first four Spanish courses (506, 507, 312K, 312L) and in Spanish 315N and 327 -- all six courses with the letter grade of *A*. The student with a rating of 4 earns a grade of *A* for the first four courses and a grade of *B* in Spanish 315N and 327. A rating of 3 qualifies the student for credit with *A*'s in the first four courses and credit for Spanish 315N with a *B*. The lower rating of 2 merits credit in the first three courses with *A*'s for each course. A rating of 1 is not eligible for credit.

The results of the AP Spanish Literature are presented in Table 67. Thirteen test scores were evaluated from the Spanish Literature Examination, all but one of which merited credit. A total of 222 semester hours of credit resulted from this test.

Table 67
Credit by Examination: AP Spanish Literature
1988-1989

AP Score	Test Scores Evaluated	Test Scores Generating Eligibility	Courses					Semester Hours of Credit Eligibility
			506, 507	312K	312L	315N	327	
5	4	4	4	4	4	4	4	88
4	2	2	2	2	2	2	2	44
3	2	2	2	2	2	2	--	38
2	4	4	4	4	--	--	--	52
1	1	0	--	--	--	--	--	0
Total	13	12	12	12	8	8	6	222

The 1988-1989 program of credit by examination in Spanish is documented in Table 68, which shows the numbers and percentages of test scores evaluated, test scores generating eligibility, and semester hours of credit eligibility. Scores on the College Board Achievement Test in Spanish, administered by the Measurement and Evaluation Center, accounted for 94% of the volume in the testing program in Spanish. On this test, 2,229 scores warranted credit. The successful Achievement tests produced 22,597 semester hours of credit eligibility -- 88% of the total of 25,674 semester hours.

Table 68
Summary of Credit by Examination in Spanish
1988-1989

Test	Test Scores Evaluated		Test Scores Generating Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Achievement	3,268	94	2,229	92	22,597	88
AP	172	5	155	6	2,981	12
Department: Miscellaneous	32	1	32	1	96	<1
Total	3,472	100	2,416	99*	25,674	100

* This figure differs from 100% because of rounding.

Summary

This report documents the results of U.T. Austin's program of credit by examination during the 1988-1989 testing year. The data present a basis for a comprehensive picture of the impact of the program on this campus. The examinations covered 50 subject areas taught in 32 departments/divisions in eight colleges and schools of the University: Business Administration, Communication, Education, Engineering, Fine Arts, Liberal Arts, Natural Sciences, and Nursing.

Evaluation of 29,698 test scores is recorded in this report. Because many students took more than one test, the total number of tests exceeds the actual number of students who attempted to earn credit by examination.

On 14,935 (50%) of these tests, students achieved scores high enough to qualify for 79,228 semester hours of credit eligibility. Conversely, on 14,763 tests the scores were too low to warrant credit by examination. During 1988-1989 there was an increase of 13% over the preceding year in the number of test scores evaluated, a 16% increase in the number of scores generating eligibility, and a 14% increase in the number of semester hours of credit eligibility.

No attempt was made in this report to document the semester hours of credit reported by the Measurement and Evaluation Center to the Registrar's office for this testing year.

Table 69 and Figure 1 display the results of tests in the 10 subjects in which the majority of the students were tested during 1988-1989: biology, chemistry, English, French, German, government, history, mathematics, physics, and Spanish. This table shows the numbers and percentages of tests generating credit and the semester hours of credit eligibility generated in each area. Figure 1 compares test volume and semester hours generated among the same 10 subjects.

Those 10 subjects accounted for 28,689 examinations. That number represents 97% of the total test volume during 1988-1989, with all other subjects making up the remaining 3%. With satisfactory scores on 14,123 tests, those 10 high volume subjects also produced most of the credit eligibility generated by the program: 71,345 semester hours -- 90% of the total of 79,228.

Table 69
Summary of Credit by Examination at U.T. Austin:
Test Volume and Credit Eligibility
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Biology	304	1	170	1	1,143	1
Chemistry	845	3	368	2	1,245	2
English	10,565	36	4,389	29	13,911	18
French	1,132	4	737	5	7,291	9
German	416	1	279	2	1,896	2
Government	1,049	4	694	5	2,082	3
History	761	3	408	3	2,190	3
Mathematics	9,583	32	4,339	29	13,633	17
Physics	562	2	323	2	2,280	3
Spanish	3,472	12	2,416	16	25,674	32
Subtotal	28,689	97*	14,123	95*	71,345	90
All other subjects	1,009	3	812	5	7,883	10
Total	29,698	100	14,935	100	79,228	100

* Because of rounding, this percentage differs from that obtained by addition of the above ten figures.

Three subjects stand out as the ones in which students most often attempted to earn credit by examination: English and Spanish in the College of Liberal Arts and mathematics in the College of Natural Sciences. During the 1988-1989 testing year, 80% of the test scores evaluated were in those three subjects. In combination, those three subjects provided 75% of the test scores warranting credit eligibility, and the majority of semester hours of credit eligibility -- 67% of the total semester hours -- fell within these areas.

67

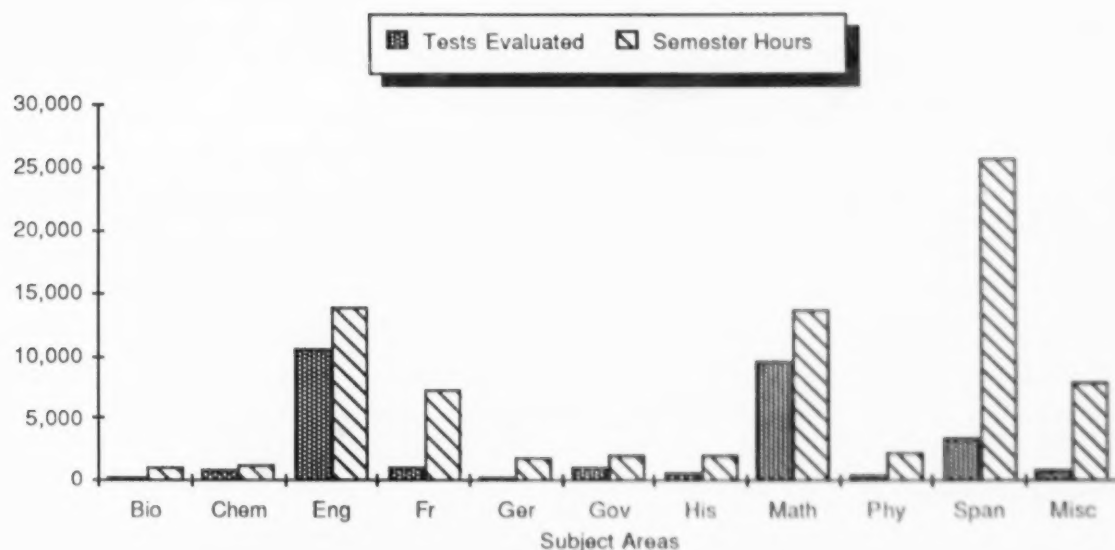


Figure 1. This figure displays test volume and semester hours of credit eligibility generated in the 10 major subject areas and in a miscellaneous category for all other subjects.

Table 70 compares results, by subject, from the 1988-1989 year with those from the 1987-1988 testing year. Numbers of test scores evaluated, test scores generating credit, and semester hours of credit eligibility are shown, as well as differences between the two years. The 10 subjects that generated the majority of the test volume are listed discretely; results of tests in all other subjects are combined.

The total of 29,698 test scores that were evaluated during the 1988-1989 testing year compared to a total of 26,190 during the preceding year -- a 13% increase in test population. At the same time, there was a 16% increase in the number of tests generating credit eligibility. The resulting number of semester hours of credit eligibility increased 14%, 9,466 additional hours.

In English, the largest subject area in test volume, there was an increase of 1,311 (14%) in the number of test scores evaluated during 1988-1989 and a 23% increase in the number of scores meriting credit. This increase of qualifying scores resulted in a corresponding 24% increase in the number of semester hours of credit eligibility earned.

Test scores evaluated in mathematics also experienced an increase over the two years. There were 971 (11%) more test scores evaluated during 1988-1989, 17% more qualifying scores and, as a consequence, the number of semester hours earned increased by 12%.

Spanish had an 18% increase in its test population. Spanish scores generating credit increased by 14%, and the number of semester hours earned by the successful students increased by 2,582 (11%).

Table 70

Comparisons, by Subject, Including Numbers of Test Scores Evaluated,
Tests Generating Credit Eligibility, Semester Hours of Credit Eligibility,
and Differences Between 1987-1988 and 1988-1989

Subject	Test Scores Evaluated				Test Scores Generating Eligibility				Semester Hours of Credit Eligibility			
	87-88 N	88-89 N	Differences N	%	87-88 N	88-89 N	Differences N	%	87-88 N	88-89 N	Differences N	%
Biology	238	304	66	28%	162	170	8	5%	987	1,143	156	16%
Chemistry	739	845	106	14%	288	368	80	28%	1,017	1,245	228	22%
English	9,254	10,565	1,311	14%	3,569	4,389	820	23%	11,232	13,911	2,679	24%
French	1,013	1,132	119	12%	675	737	62	9%	6,767	7,291	524	8%
German	383	416	33	9%	228	279	51	22%	1,955	1,896	-59	-3%
Government	938	1,049	111	12%	716	694	-22	-3%	2,148	2,082	-66	-3%
History	645	761	116	18%	329	408	79	24%	1,803	2,190	387	21%
Mathematics	8,612	9,583	971	11%	3,711	4,339	628	17%	12,142	13,633	1,491	12%
Physics	489	562	73	15%	272	323	51	19%	1,912	2,280	368	19%
Spanish	2,949	3,472	523	18%	2,120	2,416	296	14%	23,092	25,674	2,582	11%
Subtotal	25,260	28,689	3,429	14%	12,070	14,123	2,053	17%	63,055	71,345	8,290	13%
All other subjects	930	1,009	79	8%	778	812	34	4%	6,707	7,883	1,176	18%
Total	26,190	29,698	3,508	13%	12,848	14,935	2,087	16%	69,762	79,228	9,466	14%

In history, an additional 116 scores brought that subject's testing volume up to 761 -- an increase of 18%. There were 408 tests meriting credit -- an increase of 24% -- and a total of 2,190 semester hours of credit eligibility -- an increase of 21%. Government had a 12% increase in test volume. The 694 government test scores generating credit, a decrease of 3%, produced 2,082 semester hours of credit.

Test volume in German increased by 33 tests. The number of scores generating credit increased 22%. There was, however, a decrease in semester hours of credit eligibility -- 59 fewer hours for a total of 1,896 hours.

Test volume in French showed a 12% increase, from 1,013 to 1,132 tests. Sixty-two more test scores warranted credit with the resulting total of 7,291 semester hours earned, an increase of 8%.

Chemistry had a fourteen percent increase in test volume. There was a 28% increase in the number of scores meriting credit; a total of 1,245 semester hours of credit eligibility was produced, a twenty-two percent increase over the preceding year.

Test volume increased by 66 in biology with 8 more tests generating credit. There was a 16% increase in the number of semester hours of credit eligibility earned in 1988-1989.

Physics showed a 15% increase in test volume and a 19% increase in both test scores generating credit and the number of semester hours earned by the students.

Tests in all other subjects combined increased from 930 to 1,009, an 8% gain in test volume, with 812 scores producing a total of 7,883 semester hours of credit eligibility.

Also presented by subject area, Figure 2 and Table 71 provide a five-year summary of credit by examination at U.T. Austin. Numbers for test scores evaluated and semester hours of credit eligibility are recorded for the years 1984-1985 through 1988-1989. Once again, the ten largest volume subjects are shown individually, with all other subjects merged. Across the five years there has been a continued increase in the test volume -- 24,069 scores in 1984-1985 to 29,698 scores in 1988-1989, a 23% increase. The number of semester hours rose steadily from 1984-1985 through 1986-1987, dropped in 1987-1988, and then climbed to a new high in 1988-1989.

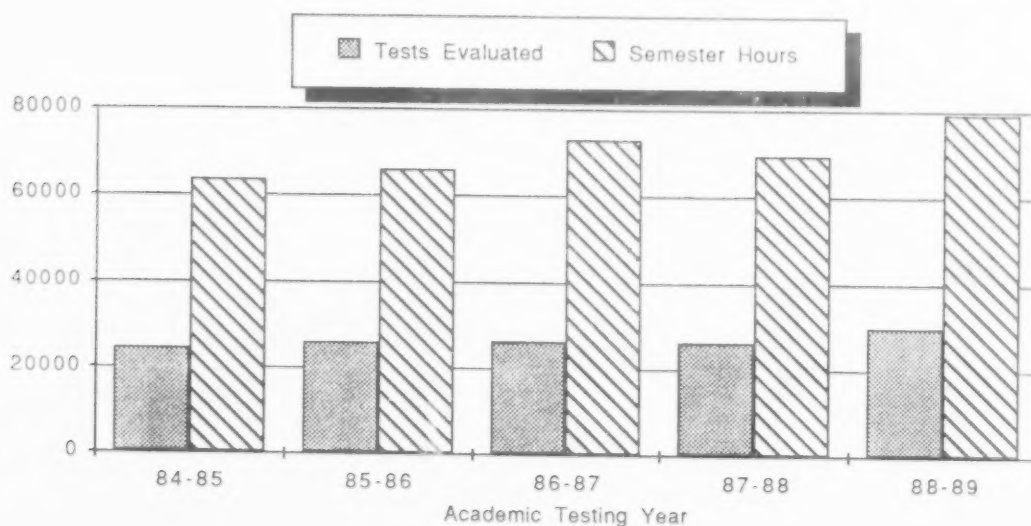


Figure 2. This figure provides a five-year summary of the results of the credit-by-examination program at U.T. Austin from academic years 1984-1985 through 1988-1989.

Table 71

Five-Year Summary of Credit by Examination at U.T. Austin: Numbers of
Test Scores Evaluated and Semester Hours of Credit Eligibility,
1984-1989

Subject	1984-1985		1985-1986		1986-1987		1987-1988		1988-1989	
	Test Scores	Semester Hours of Credit	Test Scores	Semester Hours of Credit	Test Scores	Semester Hours of Credit	Test Scores	Semester Hours of Credit	Test Scores	Semester Hours of Credit
Biology	206	999	218	1,095	266	1,500	238	987	304	1,143
Chemistry	686	778	680	813	747	964	739	1,017	845	1,245
English	8,166	10,791	9,286	12,051	9,246	12,936	9,254	11,232	10,565	13,911
French	852	6,094	904	6,292	993	7,086	1,013	6,767	1,132	7,291
German	344	2,862	340	2,694	422	1,818	383	1,955	416	1,896
Government	611	1,398	688	1,551	733	1,830	938	2,148	1,049	2,082
History	475	1,359	512	1,482	625	1,848	645	1,803	761	2,190
Mathematics	8,959	11,076	9,083	11,593	8,675	12,236	8,612	12,142	9,583	13,633
Physics	373	1,452	448	1,672	478	1,936	489	1,912	562	2,280
Spanish	2,585	23,181	2,758	23,468	3,002	25,623	2,949	23,092	3,472	25,674
Subtotal	23,257	59,990	24,917	62,711	25,187	67,777	25,260	63,055	28,689	71,345
All other subjects	812	3,630	733	3,487	836	5,233	930	6,707	1,009	7,883
Total	24,069	63,620	25,650	66,198	26,023	73,010	26,190	69,762	29,698	79,228

The activity in U.T. Austin's credit-by-examination program over a ten-year time span, 1978-1979 to 1988-1989, is depicted in Figure 3. This figure displays the number of test scores evaluated and the resulting number of semester hours of credit eligibility. The growth of the program has been substantial. The number of tests evaluated rose 81% -- from 16,404 in 1978-1979 to 29,698 in 1988-1989. The semester hours of credit eligibility generated by qualifying scores more than doubled during this period: 39,216 semester hours in 1978-1979 to 79,228 semester hours in 1988-1989 -- an increase of 102%.

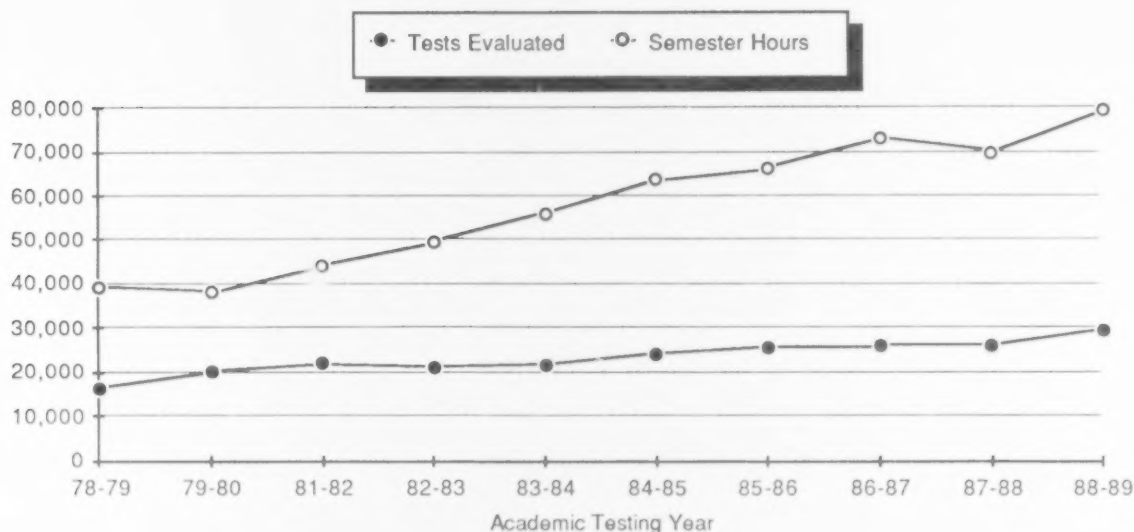


Figure 3. This figure shows the activity in the program of credit by examination at U.T. Austin over a ten-year period from 1978-1979 through 1988-1989.

In Tables 72-79, the results of examinations in the eight colleges and schools are presented separately. Each table in this series shows the subject areas as well as the numbers and percentages of test scores evaluated, test scores generating credit eligibility, and semester hours of credit eligibility. Table 80 summarizes, alphabetically by college and school, the data from the eight tables.

The College of Liberal Arts ranked first in test volume with 18,095 tests -- 61% of the total volume of 29,698 tests and 76% of the total number of 79,228 semester hours of credit eligibility. Since test scores from two of the largest volume tests, College Board Achievement Tests in English Composition and in Spanish Listening-Reading, were recorded in the College of Liberal Arts, it follows that the majority of the test scores evaluated during the year were in this college. The 11,534 tests in the College of Natural Sciences placed it in second rank; 18,716 semester

hours of credit eligibility accrued. The number of examinations in mathematics is largely responsible for this high test volume.

Table 72
College of Business Administration
Summary, by Subject, of Credit by Examination
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Accounting	1	5	0	0	0	0
Business Communication	1	5	1	9	3	9
Data Processing and Analysis	17	81	8	73	24	73
Management	1	5	1	9	3	9
Marketing	1	5	1	9	3	9
Total	21	101*	11	100	33	100

* This figure differs from 100% because of rounding.

Table 73
College of Communication
Summary, by Subject, of Credit by Examination
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Journalism	3	100	3	100	9	100
Total	3	100	3	100	9	100

Table 74
College of Education
Summary, by Subject, of Credit by Examination
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Curriculum and Instruction	1	100	1	100	3	100
Total	1	100	1	100	3	100

Table 75
College of Engineering
Summary, by Subject, of Credit by Examination
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Aerospace Engineering	4	80	4	80	12	80
Electrical Engineering	1	20	1	20	3	20
Total	5	100	5	100	15	100

Table 76
College of Fine Arts
Summary, by Subject, of Credit by Examination
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Art	10	37	3	15	9	10
Drama	10	37	10	50	51	59
Music	7	26	7	35	26	30
Total	27	100	20	100	86	99*

* This figure differs from 100% because of rounding.

Table 77
College of Liberal Arts
Summary, by Subject, of Credit by Examination
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Arabic	6	<1	6	<1	49	<1
Chinese	287	2	278	3	4,737	8
Danish	1	<1	1	<1	16	<1
Dutch	6	<1	6	<1	61	<1
Economics	114	1	92	1	357	1
English	10,565	58	4,389	46	13,911	23
French	1,132	6	737	8	7,291	12
German	416	2	279	3	1,896	3
Government	1,049	6	694	7	2,082	3
Greek	7	<1	7	<1	63	<1
Hebrew	10	<1	10	<1	97	<1
Hindi	6	<1	6	<1	34	<1
History	761	4	408	4	2,190	4
Italian	20	<1	20	<1	267	<1
Japanese	9	<1	9	<1	76	<1
Latin	49	<1	32	<1	444	1
Norwegian	16	<1	6	<1	244	<1
Oriental and African Languages and Literature	1	<1	1	<1	3	<1
Persian	5	<1	5	<1	36	<1
Portuguese	7	<1	6	<1	66	<1
Psychology	45	<1	36	1	108	<1
Russian	26	<1	24	<1	282	<1
Serbo-Croatian	1	<1	1	<1	9	<1
Sociology	73	<1	65	1	195	<1
Spanish	3,472	19	2,416	25	25,674	43
Swahili	2	<1	2	<1	6	<1
Swedish	7	<1	7	<1	78	<1
Turkish	1	<1	1	<1	18	<1
Yiddish	1	<1	1	<1	16	<1
Total	18,095	98*	9,545	99*	60,306	98*

* This figure differs from 100% because of rounding.

Table 78
College of Natural Sciences
Summary, by Subject, of Credit by Examination
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Astronomy	1	<1	1	<1	3	<1
Biology	304	3	170	3	1,143	6
Chemistry	845	7	368	7	1,245	7
Computer Sciences	236	2	134	3	402	2
Geology	1	<1	1	<1	4	<1
Mathematics	9,583	83	4,339	81	13,633	73
Physics	562	5	323	6	2,280	12
Zoology	2	<1	2	<1	6	<1
Total	11,534	100	5,338	100	18,716	100

Table 79
School of Nursing
Summary, by Subject, of Credit by Examination
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Nursing	12	100	12	100	60	100
Total	12	100	12	100	60	100

Table 80
Summary, by College/School, of Credit by Examination
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Business Administration	21	<1	11	<1	33	<1
Communication	3	<1	3	<1	9	<1
Education	1	<1	1	<1	3	<1
Engineering	5	<1	5	<1	15	<1
Fine Arts	27	<1	20	<1	86	<1
Liberal Arts	18,095	61	9,545	64	60,306	76
Natural Sciences	11,534	39	5,338	36	18,716	24
Nursing	12	<1	12	<1	60	<1
Total	29,698	100	14,935	100	79,228	100

Table 81 is ordered by testing category; it shows numbers and percentages of test scores evaluated, test scores generating credit eligibility, and semester hours of credit eligibility. The percentages in Table 81 and in Figure 4 compare the data in each category to the results of the testing program as a whole.

Obvious differences exist in the five testing categories covered by this report. First, institutional administrations considerably outnumbered the other four categories; its 18,662 tests were responsible for 63% of the test volume documented this year. This category was also the source of the highest percentage (65%) of credit eligibility generated in all five categories of U.T. Austin's program of credit by examination. Credit eligibility was established by 8,834 institutional examinations, which represented 59% of the total of 14,935 qualifying test scores.

National administrations of College Board Achievement Tests ranked second in comparisons of test volume and of credit eligibility. The evaluation of 6,266 scores yielded 9,970 semester hours of credit eligibility. The 3,020 scores warranting credit were 20% of the total number of test scores that generated credit eligibility.

Table 81
Summary, by Testing Category, of Credit by Examination
1988-1989

Subject	Test Scores Evaluated		Test Scores Generating Credit Eligibility		Semester Hours of Credit Eligibility	
	N	%	N	%	N	%
Institutional Administrations	18,622	63	8,834	59	51,815	65
Departmental Administrations	229	1	215	1	1,580	2
National Administrations of CLEP Subject Examinations	61	<1	58	<1	176	<1
National Administrations of AP Examinations	4,480	15	2,808	19	15,687	20
National Administrations of Achievement Tests	6,266	21	3,020	20	9,970	13
Total	29,698	100	14,935	99*	79,228	100

* This figure differs from 100% because of rounding.

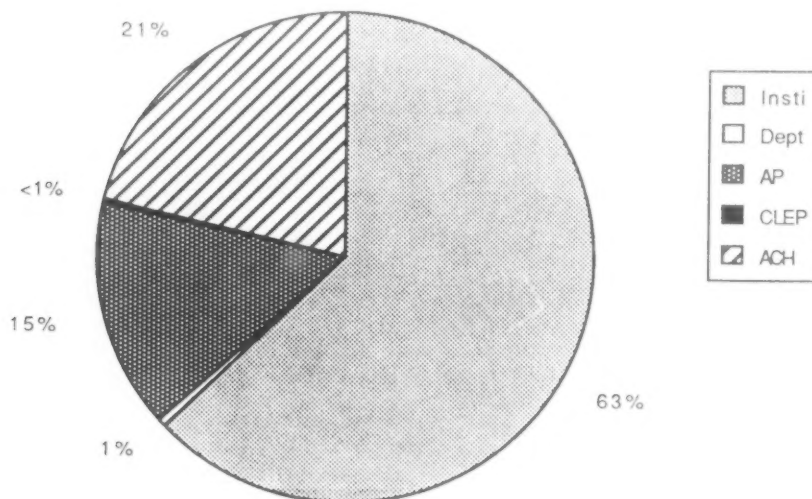


Figure 4. This figure shows the percentages of test scores evaluated by the Measurement and Evaluation Center in the five categories of test administration.

Figure 5 presents the percentages of test scores generating credit eligibility within each category of test administration. For example, 58 test scores, or 95% of the 61 scores, from national administrations of the CLEP Subject Examinations merited credit eligibility. Ninety-four percent of the departmentally-administered individual tests did so. National administrations of the Advanced Placement Examinations ranked third, with 63% of those test scores generating credit. National administrations of College Board Achievement Tests and tests from institutional administrations resulted in lower rates of successful performance: 48% and 47%, respectively.

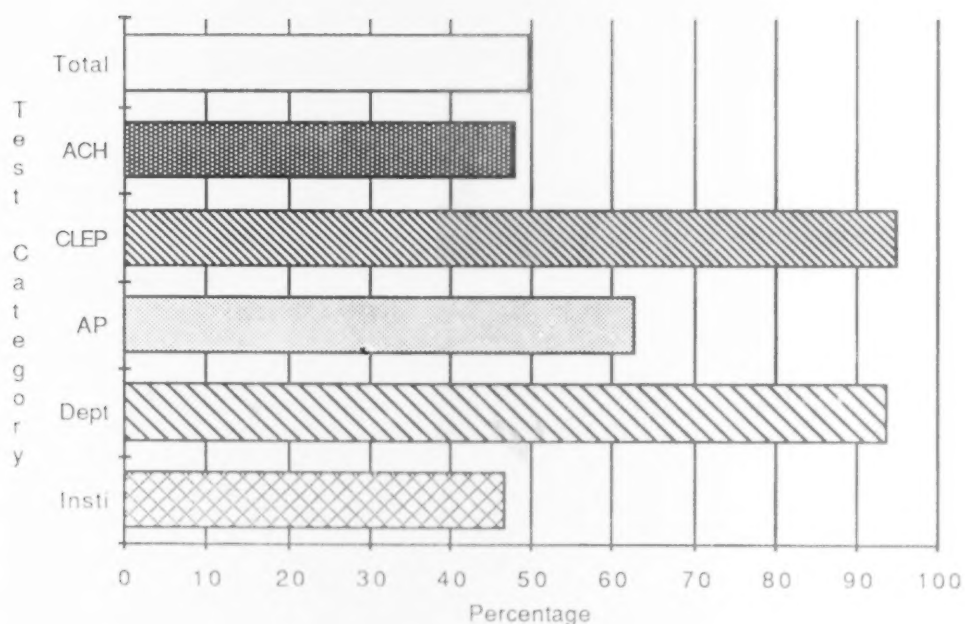


Figure 5. This figure indicates the percentages of test scores generating credit eligibility in the 1988-1989 testing program; the percentages are given within each category of test administration.